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MEMORANDUM REPORT No. 874

Drag Coefficient, K_D, And Siacci Functions For A Folding Fin Shell Based On The 106MM Shell, Heat, M344 (TII9EII)

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BALLISTIC RESEARCH LABORATORIES

ABERDEEN PROVING GROUND, MARYLAND

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MEMORANDUM REPORT NO. 874

MARCH 1955

DRAG COEFFICIENT, K_D, AND SIACCI FUNCTIONS FOR A FOLDING FIN SHELL
BASED ON THE 106MM SHELL, HEAT, M344 (T119E11)

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DRAG COEFFICIENT, K_D, AND SIACCI FUNCTIONS FOR A FOLDING FIN SHELL BASED ON THE 106MM SHELL, HEAT, M344 (T119E11)

ABSTRACT

This report presents Drag Coefficient, K_D, and Siacci Functions based on spark range firings of the folding fin-stabilized shell, 106mm, HEAT, M344 (T119E11) tabulated against Mach number. By means of the customary techniques employed in ballistic computations, the tabulated functions of this report can be applied to other finned shell models with configurations approximating the configuration of the Shell, 105mm, HEAT, M344.

The actual diameter of the M344 Shell is 105mm. The nomenclature "Shell, 106mm, HEAT, M344" was assigned for logistical reasons.

INTRODUCTION

The drag coefficient of the folding fin-stabilized Shell, 106mm, HEAT, M344 (T119E11) was determined from free flight firings in the large Spark Range of the Free Flight Branch, Exterior Ballistic Laboratory, and is reported by E. Roecker in BRL Technical Note No. 940 (confidential) "Drag Coefficients of the 105mm Fin Stabilized Shell, HEAT, T184E13 and T119E11". A series of expressions which fit the observed drag coefficients was devised by the Computing Laboratory. The expressions were then used to generate the tabular values of K_D as a function of Mach number. The fitting expressions were required to give the same value of the function and its first derivative at the juncture points. Following are the expressions:

In the Interval	K_D is given by
$M \leq 0.6$	0.12
$0.6 \leq M \leq 0.85$	$0.2365008 - 0.38834\,M + 0.32362\,M^2$
$0.85 \leq M \leq 0.927$	$0.14022725 + 0.161814\,(M - 0.85)$ $+ 5\,(M - 0.85)^2 - 20\,(M - 0.85)^3$
$0.927 \leq M \leq 0.9538$	$0.17201268 + 0.576074\,(M - 0.927)$
$0.9538 \leq M \leq 0.9912$	$0.1886400512 + 0.576074\,(M - 0.9538)$ $+ 10\,(M - 0.9538)^2$
$0.9912 \leq M \leq 1.0076$	$0.2241728188 + 1.324074\,(M - 0.9912)$ $+ 74.2858417\,(M - 0.9912)^2$ $- 4248.64863\,(M - 0.9912)^3$
$1.0076 \leq M \leq 1.0341$	$-0.0878999988 + .3325\,M$
$1.0341 \leq M \leq 1.1094$	$0.2559382512 + .3325\,(M - 1.0341)$ $- 4.2\,(M - 1.0341)^2$
$1.1094 \leq M \leq 1.1261$	$0.2571611232 - 0.30002\,(M - 1.1094)$ $- 20.61410591\,(M - 1.1094)^2$ $+ 1109.339569\,(M - 1.1094)^3$
$1.1261 \leq M \leq 2$	$0.3195623472 - .06038\,M$

Siacci functions for the M344 Shell were obtained by integrating the following functions:

$$S = -\int_{2.0}^{M} \frac{dM}{K_D\,(M)\,M}$$

$$T = -\int_{2.0}^{M} \frac{dM}{K_D(M)\, M^2}$$

$$A = -\int_{2.0}^{M} \frac{I(M)\, dM}{K_D(M)\, M}$$

$$I = -0.0287 \int_{2.0}^{M} \frac{dM}{K_D(M)\, M^3} \qquad \frac{1}{sec}$$

The Siacci equations derived from these integrals and the equations to be used with the tabulated values of the integrals are:

$$x = \frac{1}{\gamma H} \left[S(M) - X(\overline{M}_o) \right]$$

$$t = \frac{sec\ \theta}{1120.27\ a\ \gamma H} \left[T(M) - T(\overline{M}_o) \right]$$

$$\frac{y}{x} = \tan \theta_o - \frac{sec^2\ \theta_o}{1120.27\ a^2\ \gamma H} \left[\frac{A(\overline{M}) - A(\overline{M}_o)}{S(\overline{M}) - S(\overline{M}_o)} - I(\overline{M}_o) \right]$$

$$\tan \theta = \tan \theta_o - \frac{sec^2\ \theta_o}{1120.27\ a^2\ \gamma H} \left[I(\overline{M}) - I(\overline{M}_o) \right]$$

The following terms are defined:

$$M = \frac{V\cos \theta\ sec\ \theta_o}{1120.27\ a} = \text{pseudo Mach number}$$

V = velocity of the projectile

$$a = \frac{\text{velocity of sound at } t^o\ F}{\text{velocity of sound at } 59^o\ F} = \sqrt{\frac{T}{Ts}}$$

$T = 459.56 + t$

$Ts = 518.56$

$$\gamma = i\ \rho_o\ \frac{d^2}{M}$$

$$i = \frac{K_D \text{ (test shell)}}{K_D \text{ (standard shell)}} = \text{form factor}$$

$$\rho_o = 0.07513 \frac{\text{lbs}}{\text{ft}^3} = \text{absolute air density at sea level for standard conditions}$$

d = diameter of shell in feet

M = weight of shell in pounds

H = relative air density

θ = angle between the tangent to the trajectory and the horizontal

θ_o = initial value of θ

x = range in feet

y = ordinate in feet

t = time of flight in seconds

By means of the customary techniques employed in ballistic computations, the tabulated functions of this report can be applied to other finned shell models with configurations approximating the configuration of the Shell, 106mm, HEAT, M344.

Valuable contributions toward the preparation of this report were made by Pfc. Harry Reed, Cpl Eugene Uretz, Mr. E. T. Manas, Mr. Joseph Hurff, Pfc William Grant, Miss Marion Gramberger, and Miss Teresa Benzing.

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TABLE OF THE DRAG COEFFICIENT K_D VERSUS M SHELL, BASED ON 106MM, HEAT M344

DRAG   COEFFICIENT

M	KD	M	KD	M	KD	M	KD	M	KD
2.000	.19880	1.600	.22295	1.200	.24711	1.160	.24952	1.120	.25299
1.990	.19941	1.590	.22356	1.199	.24717	1.159	.24958	1.119	.25336
1.980	.20001	1.580	.22416	1.198	.24723	1.158	.24964	1.118	.25376
1.970	.20061	1.570	.22477	1.197	.24729	1.157	.24970	1.117	.25418
1.960	.20122	1.560	.22537	1.196	.24735	1.156	.24976	1.116	.25460
1.950	.20182	1.550	.22597	1.195	.24741	1.155	.24982	1.115	.25503
1.940	.20243	1.540	.22658	1.194	.24747	1.154	.24988	1.114	.25545
1.930	.20303	1.530	.22718	1.193	.24753	1.153	.24994	1.113	.25587
1.920	.20363	1.520	.22778	1.192	.24759	1.152	.25000	1.112	.25626
1.910	.20424	1.510	.22839	1.191	.24765	1.151	.25006	1.111	.25663
1.900	.20484	1.500	.22899	1.190	.24771	1.150	.25013	1.110	.25697
1.890	.20544	1.490	.22960	1.189	.24777	1.149	.25019	1.109	.25728
1.880	.20605	1.480	.23020	1.188	.24783	1.148	.25025	1.108	.25757
1.870	.20665	1.470	.23080	1.187	.24789	1.147	.25031	1.107	.25786
1.860	.20726	1.460	.23141	1.186	.24795	1.146	.25037	1.106	.25813
1.850	.20786	1.450	.23201	1.185	.24801	1.145	.25043	1.105	.25840
1.840	.20846	1.440	.23262	1.184	.24807	1.144	.25049	1.104	.25866
1.830	.20907	1.430	.23322	1.183	.24813	1.143	.25055	1.103	.25891
1.820	.20967	1.420	.23382	1.182	.24819	1.142	.25061	1.102	.25915
1.810	.21027	1.410	.23443	1.181	.24825	1.141	.25067	1.101	.25938
1.800	.21088	1.400	.23503	1.180	.24831	1.140	.25073	1.100	.25961
1.790	.21148	1.390	.23563	1.179	.24837	1.139	.25079	1.099	.25983
1.780	.21209	1.380	.23624	1.178	.24843	1.138	.25085	1.098	.26004
1.770	.21269	1.370	.23684	1.177	.24850	1.137	.25091	1.097	.26024
1.760	.21329	1.360	.23745	1.176	.24856	1.136	.25097	1.096	.26043
1.750	.21390	1.350	.23805	1.175	.24862	1.135	.25103	1.095	.26061
1.740	.21450	1.340	.23865	1.174	.24868	1.134	.25109	1.094	.26079
1.730	.21510	1.330	.23926	1.173	.24874	1.133	.25115	1.093	.26095
1.720	.21571	1.320	.23986	1.172	.24880	1.132	.25121	1.092	.26111
1.710	.21631	1.310	.24046	1.171	.24886	1.131	.25127	1.091	.26126
1.700	.21692	1.300	.24107	1.170	.24892	1.130	.25133	1.090	.26140
1.690	.21752	1.290	.24167	1.169	.24898	1.129	.25139	1.089	.26153
1.680	.21812	1.280	.24228	1.168	.24904	1.128	.25145	1.088	.26166
1.670	.21873	1.270	.24288	1.167	.24910	1.127	.25151	1.087	.26177
1.660	.21933	1.260	.24348	1.166	.24916	1.126	.25157	1.086	.26188
1.650	.21994	1.250	.24409	1.165	.24922	1.125	.25168	1.085	.26198
1.640	.22054	1.240	.24469	1.164	.24928	1.124	.25184	1.084	.26207
1.630	.22114	1.230	.24529	1.163	.24934	1.123	.25206	1.083	.26215
1.620	.22175	1.220	.24590	1.162	.24940	1.122	.25233	1.082	.26223
1.610	.22235	1.210	.24650	1.161	.24946	1.121	.25264	1.081	.26229
1.600	.22295	1.200	.24711	1.160	.24952	1.120	.25299	1.080	.26235

DRAG COEFFICIENT

M	KD	M	KD	M	KD	M	KD	M	KD
1.080	.26235	1.040	.25775	1.000	.23868	.960	.19260	.920	.16919
1.079	.26240	1.039	.25747	.999	.23700	.959	.19191	.919	.16863
1.078	.26244	1.038	.25717	.998	.23528	.958	.19124	.918	.16806
1.077	.26247	1.037	.25687	.997	.23352	.957	.19059	.917	.16750
1.076	.26250	1.036	.25655	.996	.23177	.956	.18996	.916	.16694
1.075	.26251	1.035	.25623	.995	.23004	.955	.18935	.915	.16638
1.074	.26252	1.034	.25591	.994	.22837	.954	.18876	.914	.16582
1.073	.26252	1.033	.25557	.993	.22677	.953	.18818	.913	.16527
1.072	.26251	1.032	.25524	.992	.22528	.952	.18760	.912	.16471
1.071	.26249	1.031	.25491	.991	.22391	.951	.18703	.911	.16416
1.070	.26246	1.030	.25458	.990	.22260	.950	.18645	.910	.16362
1.069	.26243	1.029	.25424	.989	.22131	.949	.18587	.909	.16307
1.068	.26238	1.028	.25391	.988	.22004	.948	.18530	.908	.16253
1.067	.26233	1.027	.25358	.987	.21879	.947	.18472	.907	.16199
1.066	.26227	1.026	.25325	.986	.21756	.946	.18415	.906	.16146
1.065	.26220	1.025	.25291	.985	.21635	.945	.18357	.905	.16092
1.064	.26213	1.024	.25258	.984	.21516	.944	.18299	.904	.16040
1.063	.26204	1.023	.25225	.983	.21399	.943	.18242	.903	.15987
1.062	.26195	1.022	.25192	.982	.21284	.942	.18184	.902	.15935
1.061	.26184	1.021	.25158	.981	.21171	.941	.18127	.901	.15883
1.060	.26173	1.020	.25125	.980	.21060	.940	.18069	.900	.15832
1.059	.26161	1.019	.25092	.979	.20951	.939	.18011	.899	.15781
1.058	.26149	1.018	.25059	.978	.20844	.938	.17954	.898	.15730
1.057	.26135	1.017	.25025	.977	.20739	.937	.17896	.897	.15680
1.056	.26121	1.016	.24992	.976	.20636	.936	.17839	.896	.15630
1.055	.26105	1.015	.24959	.975	.20535	.935	.17781	.895	.15581
1.054	.26089	1.014	.24926	.974	.20436	.934	.17723	.894	.15532
1.053	.26072	1.013	.24892	.973	.20339	.933	.17666	.893	.15484
1.052	.26054	1.012	.24859	.972	.20244	.932	.17608	.892	.15436
1.051	.26036	1.011	.24826	.971	.20151	.931	.17551	.891	.15389
1.050	.26016	1.010	.24793	.970	.20060	.930	.17493	.890	.15342
1.049	.25996	1.009	.24759	.969	.19971	.929	.17435	.889	.15296
1.048	.25975	1.008	.24726	.968	.19884	.928	.17378	.888	.15250
1.047	.25953	1.007	.24688	.967	.19799	.927	.17320	.887	.15205
1.046	.25930	1.006	.24627	.966	.19716	.926	.17263	.886	.15160
1.045	.25906	1.005	.24543	.965	.19635	.925	.17205	.885	.15116
1.044	.25882	1.004	.24438	.964	.19556	.924	.17148	.884	.15072
1.043	.25856	1.003	.24316	.963	.19479	.923	.17090	.883	.15029
1.042	.25830	1.002	.24179	.962	.19404	.922	.17033	.882	.14987
1.041	.25803	1.001	.24028	.961	.19331	.921	.16976	.881	.14945
1.040	.25775	1.000	.23868	.960	.19260	.920	.16919	.880	.14904

DRAG COEFFICIENT

M	KD	M	KD	M	KD	M	KD	M	KD
.880	.14904	.840	.13864	.800	.13295	.760	.12829	.720	.12466
.879	.14864	.839	.13849	.799	.13282	.759	.12818	.719	.12458
.878	.14824	.838	.13833	.798	.13269	.758	.12808	.718	.12451
.877	.14785	.837	.13818	.797	.13256	.757	.12798	.717	.12443
.876	.14746	.836	.13803	.796	.13243	.756	.12788	.716	.12436
.875	.14709	.835	.13787	.795	.13231	.755	.12778	.715	.12428
.874	.14671	.834	.13772	.794	.13218	.754	.12768	.714	.12421
.873	.14635	.833	.13757	.793	.13206	.753	.12758	.713	.12413
.872	.14599	.832	.13742	.792	.13193	.752	.12748	.712	.12406
.871	.14565	.831	.13727	.791	.13181	.751	.12738	.711	.12399
.870	.14530	.830	.13712	.790	.13168	.750	.12728	.710	.12392
.869	.14497	.829	.13697	.789	.13156	.749	.12719	.709	.12385
.868	.14464	.828	.13682	.788	.13144	.748	.12709	.708	.12378
.867	.14432	.827	.13668	.787	.13132	.747	.12699	.707	.12371
.866	.14401	.826	.13653	.786	.13120	.746	.12690	.706	.12364
.865	.14371	.825	.13638	.785	.13108	.745	.12680	.705	.12357
.864	.14342	.824	.13624	.784	.13096	.744	.12671	.704	.12350
.863	.14313	.823	.13609	.783	.13084	.743	.12662	.703	.12343
.862	.14285	.822	.13595	.782	.13072	.742	.12653	.702	.12337
.861	.14259	.821	.13581	.781	.13060	.741	.12643	.701	.12330
.860	.14233	.820	.13566	.780	.13049	.740	.12634	.700	.12324
.859	.14207	.819	.13552	.779	.13037	.739	.12625	.699	.12317
.858	.14183	.818	.13538	.778	.13025	.738	.12616	.698	.12311
.857	.14160	.817	.13524	.777	.13014	.737	.12607	.697	.12305
.856	.14137	.816	.13510	.776	.13003	.736	.12599	.696	.12298
.855	.14116	.815	.13496	.775	.12991	.735	.12590	.695	.12292
.854	.14095	.814	.13482	.774	.12980	.734	.12581	.694	.12286
.853	.14076	.813	.13468	.773	.12969	.733	.12573	.693	.12280
.852	.14057	.812	.13455	.772	.12957	.732	.12564	.692	.12274
.851	.14039	.811	.13441	.771	.12946	.731	.12555	.691	.12268
.850	.14023	.810	.13427	.770	.12935	.730	.12547	.690	.12262
.849	.14007	.809	.13414	.769	.12924	.729	.12539	.689	.12256
.848	.13990	.808	.13400	.768	.12913	.728	.12530	.688	.12251
.847	.13974	.807	.13387	.767	.12903	.727	.12522	.687	.12245
.846	.13959	.806	.13373	.766	.12892	.726	.12514	.686	.12239
.845	.13943	.805	.13360	.765	.12881	.725	.12506	.685	.12234
.844	.13927	.804	.13347	.764	.12870	.724	.12498	.684	.12228
.843	.13911	.803	.13334	.763	.12860	.723	.12490	.683	.12223
.842	.13895	.802	.13321	.762	.12849	.722	.12482	.682	.12218
.841	.13880	.801	.13308	.761	.12839	.721	.12474	.681	.12212
.840	.13864	.800	.13295	.760	.12829	.720	.12466	.680	.12207

DRAG COEFFICIENT

M	KD	M	KD	M	KD	M	KD	M	KD
.680	.12207	.640	.12052	.600	.12000	.560	.12000	.520	.12000
.679	.12202	.639	.12049	.599	.12000	.559	.12000	.519	.12000
.678	.12197	.638	.12047	.598	.12000	.558	.12000	.518	.12000
.677	.12192	.637	.12044	.597	.12000	.557	.12000	.517	.12000
.676	.12187	.636	.12042	.596	.12000	.556	.12000	.516	.12000
.675	.12182	.635	.12040	.595	.12000	.555	.12000	.515	.12000
.674	.12177	.634	.12037	.594	.12000	.554	.12000	.514	.12000
.673	.12172	.633	.12035	.593	.12000	.553	.12000	.513	.12000
.672	.12168	.632	.12033	.592	.12000	.552	.12000	.512	.12000
.671	.12163	.631	.12031	.591	.12000	.551	.12000	.511	.12000
.670	.12159	.630	.12029	.590	.12000	.550	.12000	.510	.12000
.669	.12154	.629	.12027	.589	.12000	.549	.12000	.509	.12000
.668	.12150	.628	.12025	.588	.12000	.548	.12000	.508	.12000
.667	.12145	.627	.12024	.587	.12000	.547	.12000	.507	.12000
.666	.12141	.626	.12022	.586	.12000	.546	.12000	.506	.12000
.665	.12137	.625	.12020	.585	.12000	.545	.12000	.505	.12000
.664	.12133	.624	.12019	.584	.12000	.544	.12000	.504	.12000
.663	.12128	.623	.12017	.583	.12000	.543	.12000	.503	.12000
.662	.12124	.622	.12016	.582	.12000	.542	.12000	.502	.12000
.661	.12120	.621	.12014	.581	.12000	.541	.12000	.501	.12000
.660	.12117	.620	.12013	.580	.12000	.540	.12000	.500	.12000
.659	.12113	.619	.12012	.579	.12000	.539	.12000	.499	.12000
.658	.12109	.618	.12010	.578	.12000	.538	.12000	.498	.12000
.657	.12105	.617	.12009	.577	.12000	.537	.12000	.497	.12000
.656	.12102	.616	.12008	.576	.12000	.536	.12000	.496	.12000
.655	.12098	.615	.12007	.575	.12000	.535	.12000	.495	.12000
.654	.12094	.614	.12006	.574	.12000	.534	.12000	.494	.12000
.653	.12091	.613	.12005	.573	.12000	.533	.12000	.493	.12000
.652	.12088	.612	.12005	.572	.12000	.532	.12000	.492	.12000
.651	.12084	.611	.12004	.571	.12000	.531	.12000	.491	.12000
.650	.12081	.610	.12003	.570	.12000	.530	.12000	.490	.12000
.649	.12078	.609	.12003	.569	.12000	.529	.12000	.489	.12000
.648	.12075	.608	.12002	.568	.12000	.528	.12000	.488	.12000
.647	.12072	.607	.12002	.567	.12000	.527	.12000	.487	.12000
.646	.12068	.606	.12001	.566	.12000	.526	.12000	.486	.12000
.645	.12066	.605	.12001	.565	.12000	.525	.12000	.485	.12000
.644	.12063	.604	.12001	.564	.12000	.524	.12000	.484	.12000
.643	.12060	.603	.12000	.563	.12000	.523	.12000	.483	.12000
.642	.12057	.602	.12000	.562	.12000	.522	.12000	.482	.12000
.641	.12054	.601	.12000	.561	.12000	.521	.12000	.481	.12000
.640	.12052	.600	.12000	.560	.12000	.520	.12000	.480	.12000

DRAG COEFFICIENT

M	KD	M	KD	M	KD	M	KD	M	KD
.480	.12000	.440	.12000	.400	.12000	.360	.12000	.320	.12000
.479	.12000	.439	.12000	.399	.12000	.359	.12000	.319	.12000
.478	.12000	.438	.12000	.398	.12000	.358	.12000	.318	.12000
.477	.12000	.437	.12000	.397	.12000	.357	.12000	.317	.12000
.476	.12000	.436	.12000	.396	.12000	.356	.12000	.316	.12000
.475	.12000	.435	.12000	.395	.12000	.355	.12000	.315	.12000
.474	.12000	.434	.12000	.394	.12000	.354	.12000	.314	.12000
.473	.12000	.433	.12000	.393	.12000	.353	.12000	.313	.12000
.472	.12000	.432	.12000	.392	.12000	.352	.12000	.312	.12000
.471	.12000	.431	.12000	.391	.12000	.351	.12000	.311	.12000
.470	.12000	.430	.12000	.390	.12000	.350	.12000	.310	.12000
.469	.12000	.429	.12000	.389	.12000	.349	.12000	.309	.12000
.468	.12000	.428	.12000	.388	.12000	.348	.12000	.308	.12000
.467	.12000	.427	.12000	.387	.12000	.347	.12000	.307	.12000
.466	.12000	.426	.12000	.386	.12000	.346	.12000	.306	.12000
.465	.12000	.425	.12000	.385	.12000	.345	.12000	.305	.12000
.464	.12000	.424	.12000	.384	.12000	.344	.12000	.304	.12000
.463	.12000	.423	.12000	.383	.12000	.343	.12000	.303	.12000
.462	.12000	.422	.12000	.382	.12000	.342	.12000	.302	.12000
.461	.12000	.421	.12000	.381	.12000	.341	.12000	.301	.12000
.460	.12000	.420	.12000	.380	.12000	.340	.12000	.300	.12000
.459	.12000	.419	.12000	.379	.12000	.339	.12000	.299	.12000
.458	.12000	.418	.12000	.378	.12000	.338	.12000	.298	.12000
.457	.12000	.417	.12000	.377	.12000	.337	.12000	.297	.12000
.456	.12000	.416	.12000	.376	.12000	.336	.12000	.296	.12000
.455	.12000	.415	.12000	.375	.12000	.335	.12000	.295	.12000
.454	.12000	.414	.12000	.374	.12000	.334	.12000	.294	.12000
.453	.12000	.413	.12000	.373	.12000	.333	.12000	.293	.12000
.452	.12000	.412	.12000	.372	.12000	.332	.12000	.292	.12000
.451	.12000	.411	.12000	.371	.12000	.331	.12000	.291	.12000
.450	.12000	.410	.12000	.370	.12000	.330	.12000	.290	.12000
.449	.12000	.409	.12000	.369	.12000	.329	.12000	.289	.12000
.448	.12000	.408	.12000	.368	.12000	.328	.12000	.288	.12000
.447	.12000	.407	.12000	.367	.12000	.327	.12000	.287	.12000
.446	.12000	.406	.12000	.366	.12000	.326	.12000	.286	.12000
.445	.12000	.405	.12000	.365	.12000	.325	.12000	.285	.12000
.444	.12000	.404	.12000	.364	.12000	.324	.12000	.284	.12000
.443	.12000	.403	.12000	.363	.12000	.323	.12000	.283	.12000
.442	.12000	.402	.12000	.362	.12000	.322	.12000	.282	.12000
.441	.12000	.401	.12000	.361	.12000	.321	.12000	.281	.12000
.440	.12000	.400	.12000	.360	.12000	.320	.12000	.280	.12000

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DRAG COEFFICIENT

M	KD	M	KD	M	KD	M	KD	M	KD
.280	.12000	.240	.12000	.200	.12000	.160	.12000	.120	.12000
.279	.12000	.239	.12000	.199	.12000	.159	.12000	.119	.12000
.278	.12000	.238	.12000	.198	.12000	.158	.12000	.118	.12000
.277	.12000	.237	.12000	.197	.12000	.157	.12000	.117	.12000
.276	.12000	.236	.12000	.196	.12000	.156	.12000	.116	.12000
.275	.12000	.235	.12000	.195	.12000	.155	.12000	.115	.12000
.274	.12000	.234	.12000	.194	.12000	.154	.12000	.114	.12000
.273	.12000	.233	.12000	.193	.12000	.153	.12000	.113	.12000
.272	.12000	.232	.12000	.192	.12000	.152	.12000	.112	.12000
.271	.12000	.231	.12000	.191	.12000	.151	.12000	.111	.12000
.270	.12000	.230	.12000	.190	.12000	.150	.12000	.110	.12000
.269	.12000	.229	.12000	.189	.12000	.149	.12000	.109	.12000
.268	.12000	.228	.12000	.188	.12000	.148	.12000	.108	.12000
.267	.12000	.227	.12000	.187	.12000	.147	.12000	.107	.12000
.266	.12000	.226	.12000	.186	.12000	.146	.12000	.106	.12000
.265	.12000	.225	.12000	.185	.12000	.145	.12000	.105	.12000
.264	.12000	.224	.12000	.184	.12000	.144	.12000	.104	.12000
.263	.12000	.223	.12000	.183	.12000	.143	.12000	.103	.12000
.262	.12000	.222	.12000	.182	.12000	.142	.12000	.102	.12000
.261	.12000	.221	.12000	.181	.12000	.141	.12000	.101	.12000
.260	.12000	.220	.12000	.180	.12000	.140	.12000	.100	.12000
.259	.12000	.219	.12000	.179	.12000	.139	.12000		
.258	.12000	.218	.12000	.178	.12000	.138	.12000		
.257	.12000	.217	.12000	.177	.12000	.137	.12000		
.256	.12000	.216	.12000	.176	.12000	.136	.12000		
.255	.12000	.215	.12000	.175	.12000	.135	.12000		
.254	.12000	.214	.12000	.174	.12000	.134	.12000		
.253	.12000	.213	.12000	.173	.12000	.133	.12000		
.252	.12000	.212	.12000	.172	.12000	.132	.12000		
.251	.12000	.211	.12000	.171	.12000	.131	.12000		
.250	.12000	.210	.12000	.170	.12000	.130	.12000		
.249	.12000	.209	.12000	.169	.12000	.129	.12000		
.248	.12000	.208	.12000	.168	.12000	.128	.12000		
.247	.12000	.207	.12000	.167	.12000	.127	.12000		
.246	.12000	.206	.12000	.166	.12000	.126	.12000		
.245	.12000	.205	.12000	.165	.12000	.125	.12000		
.244	.12000	.204	.12000	.164	.12000	.124	.12000		
.243	.12000	.203	.12000	.163	.12000	.123	.12000		
.242	.12000	.202	.12000	.162	.12000	.122	.12000		
.241	.12000	.201	.12000	.161	.12000	.121	.12000		
.240	.12000	.200	.12000	.160	.12000	.120	.12000		

TABLE OF THE SIACCI FUNCTIONS BASED ON SHELL, 106MM HEAT, M344

SIACCI FUNCTIONS 106mm,HEAT,M344

M	S	S'	T	T'	A 1/sec	A' 1/sec	I 1/sec	I' 1/sec
2.000	.00000	-2.515	.000000	-1.2575	.00000	.000	.00000	-.018
1.990	.02518	-2.520	.012619	-1.2664	.00000	.000	.00018	-.018
1.980	.05040	-2.525	.025328	-1.2753	.00001	-.001	.00037	-.018
1.970	.07568	-2.530	.038126	-1.2844	.00002	-.001	.00055	-.019
1.960	.10101	-2.536	.051016	-1.2937	.00004	-.002	.00074	-.019
1.950	.12639	-2.541	.064000	-1.3031	.00006	-.002	.00093	-.019
1.940	.15183	-2.546	.077078	-1.3126	.00008	-.003	.00112	-.019
1.930	.17732	-2.552	.090252	-1.3223	.00012	-.003	.00132	-.020
1.920	.20287	-2.558	.103524	-1.3321	.00015	-.004	.00152	-.020
1.910	.22847	-2.563	.116896	-1.3421	.00019	-.004	.00172	-.020
1.900	.25414	-2.569	.130368	-1.3523	.00024	-.005	.00192	-.020
1.890	.27986	-2.575	.143942	-1.3626	.00029	-.005	.00213	-.021
1.880	.30565	-2.582	.157621	-1.3731	.00035	-.006	.00233	-.021
1.870	.33149	-2.588	.171406	-1.3838	.00041	-.007	.00254	-.021
1.860	.35740	-2.594	.185298	-1.3947	.00048	-.007	.00276	-.022
1.850	.38337	-2.601	.199299	-1.4057	.00056	-.008	.00298	-.022
1.840	.40941	-2.607	.213412	-1.4169	.00064	-.008	.00319	-.022
1.830	.43552	-2.614	.227638	-1.4283	.00072	-.009	.00342	-.022
1.820	.46169	-2.621	.241978	-1.4399	.00081	-.010	.00364	-.023
1.810	.48793	-2.627	.256435	-1.4516	.00091	-.010	.00387	-.023
1.800	.51424	-2.634	.271011	-1.4636	.00102	-.011	.00410	-.023
1.790	.54062	-2.642	.285708	-1.4758	.00113	-.011	.00434	-.024
1.780	.56707	-2.649	.300527	-1.4882	.00125	-.012	.00458	-.024
1.770	.59360	-2.656	.315472	-1.5007	.00137	-.013	.00482	-.024
1.760	.62020	-2.664	.330543	-1.5136	.00150	-.013	.00506	-.025
1.750	.64687	-2.672	.345743	-1.5266	.00164	-.014	.00531	-.025
1.740	.67363	-2.679	.361075	-1.5398	.00179	-.015	.00556	-.025
1.730	.70046	-2.687	.376541	-1.5533	.00194	-.016	.00582	-.026
1.720	.72737	-2.695	.392142	-1.5670	.00210	-.016	.00608	-.026
1.710	.75437	-2.703	.407882	-1.5810	.00227	-.017	.00634	-.027
1.700	.78144	-2.712	.423762	-1.5952	.00244	-.018	.00661	-.027
1.690	.80860	-2.720	.439786	-1.6096	.00263	-.019	.00688	-.027
1.680	.83585	-2.729	.455956	-1.6243	.00282	-.020	.00716	-.028
1.670	.86318	-2.738	.472274	-1.6393	.00302	-.020	.00744	-.028
1.660	.89060	-2.747	.488743	-1.6546	.00322	-.021	.00772	-.029
1.650	.91811	-2.756	.505366	-1.6701	.00344	-.022	.00801	-.029
1.640	.94572	-2.765	.522145	-1.6859	.00366	-.023	.00830	-.030
1.630	.97341	-2.774	.539084	-1.7020	.00390	-.024	.00860	-.030
1.620	1.00120	-2.784	.556186	-1.7184	.00414	-.025	.00890	-.030
1.610	1.02909	-2.793	.573452	-1.7350	.00439	-.026	.00921	-.031
1.600	1.05707	-2.803	.590887	-1.7520	.00466	-.027	.00952	-.031

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SIACCI FUNCTIONS 106mm, HEAT, M344

M	S	S'	T	T'	A 1/sec	A' 1/sec	I 1/sec	I' 1/sec
1.600	1.05707	-2.803	.590887	-1.7520	.00466	-.027	.00952	-.031
1.590	1.08515	-2.813	.608494	-1.7694	.00493	-.028	.00984	-.032
1.580	1.11333	-2.823	.626276	-1.7870	.00521	-.029	.01016	-.032
1.570	1.14162	-2.834	.644235	-1.8050	.00550	-.030	.01049	-.033
1.560	1.17001	-2.844	.662376	-1.8233	.00580	-.031	.01082	-.034
1.550	1.19851	-2.855	.680702	-1.8420	.00612	-.032	.01116	-.034
1.540	1.22711	-2.866	.699216	-1.8610	.00644	-.033	.01150	-.035
1.530	1.25583	-2.877	.717923	-1.8804	.00678	-.034	.01185	-.035
1.520	1.28465	-2.888	.736825	-1.9002	.00712	-.035	.01221	-.036
1.510	1.31359	-2.900	.755927	-1.9203	.00748	-.036	.01257	-.036
1.500	1.34265	-2.911	.775233	-1.9409	.00785	-.038	.01294	-.037
1.490	1.37182	-2.923	.794746	-1.9618	.00823	-.039	.01331	-.038
1.480	1.40111	-2.935	.814471	-1.9832	.00863	-.040	.01369	-.038
1.470	1.43052	-2.947	.834412	-2.0050	.00904	-.041	.01408	-.039
1.460	1.46006	-2.960	.854573	-2.0273	.00946	-.043	.01447	-.040
1.450	1.48972	-2.973	.874959	-2.0500	.00990	-.044	.01488	-.041
1.440	1.51951	-2.985	.895574	-2.0732	.01034	-.046	.01529	-.041
1.430	1.54943	-2.998	.916424	-2.0968	.01081	-.047	.01570	-.042
1.420	1.57948	-3.012	.937513	-2.1210	.01129	-.049	.01613	-.043
1.410	1.60967	-3.025	.958845	-2.1456	.01178	-.050	.01656	-.044
1.400	1.63999	-3.039	.980427	-2.1708	.01229	-.052	.01700	-.045
1.390	1.67045	-3.053	1.002263	-2.1965	.01281	-.053	.01745	-.045
1.380	1.70105	-3.067	1.024359	-2.2228	.01335	-.055	.01791	-.046
1.370	1.73180	-3.082	1.046720	-2.2496	.01391	-.057	.01838	-.047
1.360	1.76269	-3.097	1.069352	-2.2770	.01449	-.058	.01885	-.048
1.350	1.79373	-3.112	1.092261	-2.3050	.01508	-.060	.01934	-.049
1.340	1.82493	-3.127	1.115453	-2.3336	.01569	-.062	.01983	-.050
1.330	1.85627	-3.143	1.138935	-2.3628	.01632	-.064	.02034	-.051
1.320	1.88778	-3.158	1.162712	-2.3927	.01697	-.066	.02085	-.052
1.310	1.91944	-3.175	1.186792	-2.4233	.01764	-.068	.02138	-.053
1.300	1.95127	-3.191	1.211180	-2.4546	.01833	-.070	.02191	-.054
1.290	1.98326	-3.208	1.235885	-2.4865	.01904	-.072	.02246	-.055
1.280	2.01542	-3.225	1.260913	-2.5192	.01977	-.074	.02302	-.056
1.270	2.04776	-3.242	1.286272	-2.5527	.02052	-.076	.02359	-.058
1.260	2.08026	-3.260	1.311970	-2.5870	.02130	-.079	.02417	-.059
1.250	2.11295	-3.278	1.338014	-2.6220	.02210	-.081	.02477	-.060
1.240	2.14581	-3.296	1.364413	-2.6579	.02292	-.084	.02538	-.062
1.230	2.17886	-3.314	1.391175	-2.6946	.02377	-.086	.02600	-.063
1.220	2.21210	-3.333	1.418308	-2.7323	.02464	-.089	.02664	-.064
1.210	2.24553	-3.353	1.445823	-2.7708	.02554	-.091	.02729	-.066
1.200	2.27916	-3.372	1.473728	-2.8103	.02647	-.094	.02795	-.067

SIACCI FUNCTIONS 106mm, HEAT, m344

M	S	S'	T	T'	A 1/sec	A' 1/sec	I 1/sec	I' 1/sec
1.200	2.27916	-3.372	1.473728	-2.8103	.02647	-.094	.02795	-.067
1.199	2.28253	-3.37	1.476540	-2.814	.02657	-.09	.02802	-.07
1.198	2.28591	-3.38	1.479356	-2.818	.02666	-.09	.02808	-.07
1.197	2.28928	-3.38	1.482177	-2.822	.02676	-.09	.02815	-.07
1.196	2.29266	-3.38	1.485001	-2.826	.02685	-.09	.02822	-.07
1.195	2.29605	-3.38	1.487829	-2.830	.02695	-.09	.02829	-.07
1.194	2.29943	-3.38	1.490662	-2.834	.02704	-.09	.02836	-.07
1.193	2.30281	-3.39	1.493498	-2.839	.02714	-.09	.02842	-.07
1.192	2.30620	-3.39	1.496339	-2.843	.02724	-.09	.02849	-.07
1.191	2.30959	-3.39	1.499183	-2.847	.02733	-.09	.02856	-.07
1.190	2.31298	-3.39	1.502032	-2.851	.02743	-.09	.02863	-.07
1.189	2.31638	-3.39	1.504885	-2.855	.02753	-.09	.02870	-.07
1.188	2.31977	-3.40	1.507742	-2.859	.02762	-.09	.02877	-.07
1.187	2.32317	-3.40	1.510603	-2.863	.02772	-.09	.02884	-.07
1.186	2.32657	-3.40	1.513468	-2.867	.02782	-.09	.02891	-.07
1.185	2.32997	-3.40	1.516337	-2.871	.02792	-.09	.02898	-.07
1.184	2.33337	-3.40	1.519211	-2.876	.02802	-.09	.02904	-.07
1.183	2.33678	-3.41	1.522088	-2.880	.02812	-.09	.02911	-.07
1.182	2.34019	-3.41	1.524970	-2.884	.02822	-.09	.02918	-.07
1.181	2.34360	-3.41	1.527856	-2.888	.02832	-.10	.02925	-.07
1.180	2.34701	-3.41	1.530746	-2.892	.02842	-.10	.02932	-.07
1.179	2.35042	-3.41	1.533640	-2.896	.02852	-.10	.02940	-.07
1.178	2.35384	-3.42	1.536539	-2.901	.02862	-.10	.02947	-.07
1.177	2.35726	-3.42	1.539441	-2.905	.02872	-.10	.02954	-.07
1.176	2.36068	-3.42	1.542348	-2.909	.02882	-.10	.02961	-.07
1.175	2.36410	-3.42	1.545260	-2.913	.02892	-.10	.02968	-.07
1.174	2.36752	-3.43	1.548175	-2.918	.02902	-.10	.02975	-.07
1.173	2.37095	-3.43	1.551095	-2.922	.02912	-.10	.02982	-.07
1.172	2.37438	-3.43	1.554019	-2.926	.02923	-.10	.02989	-.07
1.171	2.37781	-3.43	1.556947	-2.930	.02933	-.10	.02996	-.07
1.170	2.38124	-3.43	1.559880	-2.935	.02943	-.10	.03004	-.07
1.169	2.38467	-3.44	1.562817	-2.939	.02953	-.10	.03011	-.07
1.168	2.38811	-3.44	1.565758	-2.943	.02964	-.10	.03018	-.07
1.167	2.39155	-3.44	1.568703	-2.948	.02974	-.10	.03025	-.07
1.166	2.39499	-3.44	1.571653	-2.952	.02985	-.10	.03033	-.07
1.165	2.39843	-3.44	1.574607	-2.956	.02995	-.10	.03040	-.07
1.164	2.40188	-3.45	1.577566	-2.961	.03006	-.10	.03047	-.07
1.163	2.40533	-3.45	1.580529	-2.965	.03016	-.10	.03054	-.07
1.162	2.40878	-3.45	1.583496	-2.970	.03027	-.10	.03062	-.07
1.161	2.41223	-3.45	1.586468	-2.974	.03037	-.10	.03069	-.07
1.160	2.41568	-3.45	1.589444	-2.978	.03048	-.10	.03076	-.07

SIACCI FUNCTIONS 106mm,HEAT,M344

M	S	S'	T	T'	A 1/sec	A' 1/sec	I 1/sec	I' 1/sec
1.160	2.41568	-3.45	1.589444	-2.978	.03048	-.10	.03076	-.07
1.159	2.41914	-3.46	1.592424	-2.983	.03058	-.10	.03084	-.07
1.158	2.42260	-3.46	1.595409	-2.987	.03069	-.10	.03091	-.07
1.157	2.42606	-3.46	1.598399	-2.992	.03080	-.10	.03099	-.07
1.156	2.42952	-3.46	1.601393	-2.996	.03091	-.10	.03106	-.07
1.155	2.43298	-3.47	1.604391	-3.001	.03101	-.10	.03114	-.07
1.154	2.43645	-3.47	1.607394	-3.005	.03112	-.10	.03121	-.07
1.153	2.43992	-3.47	1.610401	-3.010	.03123	-.10	.03129	-.07
1.152	2.44339	-3.47	1.613413	-3.014	.03134	-.10	.03136	-.08
1.151	2.44686	-3.47	1.616429	-3.019	.03145	-.10	.03144	-.08
1.150	2.45034	-3.48	1.619450	-3.023	.03156	-.11	.03151	-.08
1.149	2.45382	-3.48	1.622475	-3.028	.03167	-.11	.03159	-.08
1.148	2.45730	-3.48	1.625505	-3.032	.03178	-.11	.03166	-.08
1.147	2.46078	-3.48	1.628539	-3.037	.03189	-.11	.03174	-.08
1.146	2.46426	-3.49	1.631578	-3.041	.03200	-.11	.03181	-.08
1.145	2.46775	-3.49	1.634621	-3.046	.03211	-.11	.03189	-.08
1.144	2.47124	-3.49	1.637670	-3.050	.03222	-.11	.03197	-.08
1.143	2.47473	-3.49	1.640722	-3.055	.03233	-.11	.03204	-.08
1.142	2.47822	-3.49	1.643780	-3.060	.03244	-.11	.03212	-.08
1.141	2.48172	-3.50	1.646841	-3.064	.03256	-.11	.03220	-.08
1.140	2.48521	-3.50	1.649908	-3.069	.03267	-.11	.03227	-.08
1.139	2.48871	-3.50	1.652979	-3.074	.03278	-.11	.03235	-.08
1.138	2.49222	-3.50	1.656055	-3.078	.03289	-.11	.03243	-.08
1.137	2.49572	-3.51	1.659136	-3.083	.03301	-.11	.03251	-.08
1.136	2.49923	-3.51	1.662221	-3.088	.03312	-.11	.03258	-.08
1.135	2.50273	-3.51	1.665311	-3.092	.03324	-.11	.03266	-.08
1.134	2.50625	-3.51	1.668405	-3.097	.03335	-.11	.03274	-.08
1.133	2.50976	-3.51	1.671505	-3.102	.03347	-.11	.03282	-.08
1.132	2.51327	-3.52	1.674609	-3.106	.03358	-.11	.03290	-.08
1.131	2.51679	-3.52	1.677717	-3.111	.03370	-.11	.03298	-.08
1.130	2.52031	-3.52	1.680831	-3.116	.03381	-.11	.03306	-.08
1.129	2.52383	-3.52	1.683949	-3.121	.03393	-.11	.03314	-.08
1.128	2.52736	-3.53	1.687072	-3.126	.03405	-.11	.03321	-.08
1.127	2.53089	-3.53	1.690200	-3.130	.03417	-.11	.03329	-.08
1.126	2.53441	-3.53	1.693333	-3.135	.03428	-.11	.03337	-.08
1.125	2.53795	-3.53	1.696470	-3.139	.03440	-.11	.03345	-.08
1.124	2.54148	-3.53	1.699611	-3.143	.03452	-.11	.03353	-.08
1.123	2.54501	-3.53	1.702756	-3.146	.03464	-.11	.03361	-.08
1.122	2.54854	-3.53	1.705903	-3.148	.03476	-.11	.03370	-.08
1.121	2.55207	-3.53	1.709052	-3.150	.03488	-.11	.03378	-.08
1.120	2.55560	-3.53	1.712202	-3.151	.03500	-.11	.03386	-.08

SIACCI FUNCTIONS 106mm,HEAT,M344

M	S	S'	T	T'	A 1/sec	A' 1/sec	I 1/sec	I' 1/sec
1.120	2.55560	-3.53	1.712202	-3.151	.03500	-.11	.03386	-.08
1.119	2.55913	-3.53	1.715354	-3.152	.03511	-.12	.03394	-.08
1.118	2.56266	-3.52	1.718506	-3.153	.03523	-.12	.03402	-.08
1.117	2.56618	-3.52	1.721659	-3.153	.03535	-.12	.03410	-.08
1.116	2.56970	-3.52	1.724813	-3.154	.03547	-.12	.03418	-.08
1.115	2.57322	-3.52	1.727967	-3.154	.03560	-.12	.03426	-.08
1.114	2.57674	-3.51	1.731121	-3.154	.03572	-.12	.03434	-.08
1.113	2.58025	-3.51	1.734275	-3.155	.03584	-.12	.03442	-.08
1.112	2.58376	-3.51	1.737431	-3.156	.03596	-.12	.03451	-.08
1.111	2.58727	-3.51	1.740587	-3.157	.03608	-.12	.05459	-.08
1.110	2.59077	-3.51	1.743745	-3.158	.03620	-.12	.03467	-.08
1.109	2.59428	-3.50	1.746904	-3.160	.03632	-.12	.03475	-.08
1.108	2.59778	-3.50	1.750065	-3.162	.03644	-.12	.03483	-.08
1.107	2.60129	-3.50	1.753229	-3.165	.03657	-.12	.03491	-.08
1.106	2.60479	-3.50	1.756394	-3.167	.03669	-.12	.03500	-.08
1.105	2.60829	-3.50	1.759563	-3.169	.03681	-.12	.03508	-.08
1.104	2.61180	-3.50	1.762733	-3.172	.03693	-.12	.03516	-.08
1.103	2.61530	-3.50	1.765907	-3.175	.03706	-.12	.03524	-.08
1.102	2.61880	-3.50	1.769083	-3.177	.03718	-.12	.03533	-.08
1.101	2.62230	-3.50	1.772262	-3.180	.03730	-.12	.03541	-.08
1.100	2.62580	-3.50	1.775443	-3.183	.03743	-.12	.03549	-.08
1.099	2.62930	-3.50	1.778628	-3.187	.03755	-.12	.03557	-.08
1.098	2.63281	-3.50	1.781816	-3.190	.03768	-.12	.03566	-.08
1.097	2.63631	-3.50	1.785008	-3.193	.03780	-.12	.03574	-.08
1.096	2.63981	-3.50	1.788203	-3.197	.03793	-.12	.03583	-.08
1.095	2.64332	-3.50	1.791401	-3.200	.03805	-.12	.03591	-.08
1.094	2.64682	-3.51	1.794603	-3.204	.03818	-.12	.03599	-.08
1.093	2.65033	-3.51	1.797809	-3.208	.03831	-.12	.03608	-.08
1.092	2.65383	-3.51	1.801019	-3.212	.03843	-.12	.03616	-.08
1.091	2.65734	-3.51	1.804232	-3.216	.03856	-.12	.03625	-.08
1.090	2.66085	-3.51	1.807450	-3.220	.03869	-.12	.03633	-.08
1.089	2.66436	-3.51	1.810672	-3.224	.03881	-.12	.03642	-.08
1.088	2.66787	-3.51	1.813898	-3.229	.03894	-.12	.03650	-.09
1.087	2.67138	-3.51	1.817129	-3.233	.03907	-.12	.03659	-.09
1.086	2.67490	-3.52	1.820364	-3.238	.03920	-.12	.03667	-.09
1.085	2.67842	-3.52	1.823604	-3.242	.03933	-.12	.03676	-.09
1.084	2.68194	-3.52	1.826849	-3.247	.03946	-.13	.03684	-.09
1.083	2.68546	-3.52	1.830099	-3.252	.03959	-.13	.03693	-.09
1.082	2.68898	-3.52	1.833354	-3.257	.03972	-.13	.03702	-.09
1.081	2.69251	-3.53	1.836614	-3.263	.03985	-.13	.03710	-.09
1.080	2.69603	-3.53	1.839879	-3.268	.03998	-.13	.03719	-.09

SIACCI FUNCTIONS 106mm, HEAT, M344

M	S	S'	T	T'	A 1/sec	A' 1/sec	I 1/sec	I' 1/sec
1.080	2.69603	-3.53	1.839879	-3.268	.03998	-.13	.03719	-.09
1.079	2.69957	-3.53	1.843149	-3.273	.04011	-.13	.03728	-.09
1.078	2.70310	-3.53	1.846425	-3.279	.04024	-.13	.03736	-.09
1.077	2.70663	-3.54	1.849707	-3.285	.04038	-.13	.03745	-.09
1.076	2.71017	-3.54	1.852995	-3.290	.04051	-.13	.03754	-.09
1.075	2.71372	-3.54	1.856288	-3.296	.04064	-.13	.03763	-.09
1.074	2.71726	-3.55	1.859587	-3.302	.04077	-.13	.03771	-.09
1.073	2.72081	-3.55	1.862893	-3.309	.04091	-.13	.03780	-.09
1.072	2.72436	-3.55	1.866204	-3.315	.04104	-.13	.03789	-.09
1.071	2.72792	-3.56	1.869522	-3.321	.04118	-.13	.03798	-.09
1.070	2.73148	-3.56	1.872847	-3.328	.04131	-.13	.03807	-.09
1.069	2.73504	-3.56	1.876178	-3.335	.04145	-.13	.03816	-.09
1.068	2.73860	-3.57	1.879516	-3.341	.04158	-.13	.03825	-.09
1.067	2.74218	-3.57	1.882861	-3.348	.04172	-.13	.03834	-.09
1.066	2.74575	-3.58	1.886213	-3.355	.04186	-.13	.03843	-.09
1.065	2.74933	-3.58	1.889572	-3.363	.04200	-.13	.03852	-.09
1.064	2.75291	-3.59	1.892938	-3.370	.04213	-.13	.03861	-.09
1.063	2.75650	-3.59	1.896311	-3.377	.04227	-.13	.03870	-.09
1.062	2.76009	-3.59	1.899692	-3.385	.04241	-.13	.03879	-.09
1.061	2.76369	-3.60	1.903081	-3.393	.04255	-.14	.03888	-.09
1.060	2.76729	-3.60	1.906477	-3.400	.04269	-.14	.03897	-.09
1.059	2.77090	-3.61	1.909882	-3.408	.04283	-.14	.03907	-.09
1.058	2.77451	-3.61	1.913294	-3.416	.04297	-.14	.03916	-.09
1.057	2.77813	-3.62	1.916715	-3.425	.04312	-.14	.03925	-.09
1.056	2.78175	-3.63	1.920144	-3.433	.04326	-.14	.03935	-.09
1.055	2.78538	-3.63	1.923581	-3.442	.04340	-.14	.03944	-.09
1.054	2.78901	-3.64	1.927027	-3.450	.04354	-.14	.03953	-.09
1.053	2.79265	-3.64	1.930482	-3.459	.04369	-.14	.03963	-.09
1.052	2.79630	-3.65	1.933945	-3.468	.04383	-.14	.03972	-.09
1.051	2.79995	-3.65	1.937418	-3.477	.04398	-.14	.03982	-.09
1.050	2.80361	-3.66	1.940899	-3.486	.04412	-.14	.03991	-.10
1.049	2.80727	-3.67	1.944390	-3.496	.04427	-.14	.04001	-.10
1.048	2.81094	-3.67	1.947891	-3.505	.04442	-.14	.04010	-.10
1.047	2.81462	-3.68	1.951401	-3.515	.04457	-.14	.04020	-.10
1.046	2.81830	-3.69	1.954921	-3.525	.04471	-.14	.04030	-.10
1.045	2.82199	-3.69	1.958450	-3.535	.04486	-.14	.04039	-.10
1.044	2.82569	-3.70	1.961990	-3.545	.04501	-.15	.04049	-.10
1.043	2.82939	-3.71	1.965540	-3.555	.04516	-.15	.04059	-.10
1.042	2.83310	-3.72	1.969101	-3.566	.04531	-.15	.04069	-.10
1.041	2.83682	-3.72	1.972672	-3.576	.04546	-.15	.04078	-.10
1.040	2.84055	-3.73	1.976253	-3.587	.04562	-.15	.04088	-.10

SIACCI FUNCTIONS 106mm,HEAT,M344

M	S	S'	T	T'	A 1/sec	A' 1/sec	I 1/sec	I' 1/sec
1.040	2.84055	-3.73	1.976253	-3.587	.04562	-.15	.04088	-.10
1.039	2.84428	-3.74	1.979845	-3.598	.04577	-.15	.04098	-.10
1.038	2.84803	-3.75	1.983449	-3.609	.04592	-.15	.04108	-.10
1.037	2.85178	-3.75	1.987063	-3.620	.04608	-.15	.04118	-.10
1.036	2.85553	-3.76	1.990689	-3.632	.04623	-.15	.04128	-.10
1.035	2.85930	-3.77	1.994327	-3.643	.04639	-.15	.04138	-.10
1.034	2.86308	-3.78	1.997976	-3.655	.04654	-.15	.04148	-.10
1.033	2.86686	-3.79	2.001636	-3.667	.04670	-.15	.04159	-.10
1.032	2.87065	-3.80	2.005309	-3.679	.04686	-.15	.04169	-.10
1.031	2.87445	-3.81	2.008994	-3.691	.04702	-.15	.04179	-.10
1.030	2.87826	-3.81	2.012690	-3.703	.04718	-.16	.04189	-.10
1.029	2.88208	-3.82	2.016399	-3.715	.04734	-.16	.04200	-.10
1.028	2.88591	-3.83	2.020120	-3.727	.04750	-.16	.04210	-.10
1.027	2.88974	-3.84	2.023852	-3.739	.04766	-.16	.04220	-.10
1.026	2.89359	-3.85	2.027597	-3.751	.04782	-.16	.04231	-.10
1.025	2.89744	-3.86	2.031355	-3.763	.04799	-.16	.04241	-.11
1.024	2.90130	-3.87	2.035124	-3.776	.04815	-.16	.04252	-.11
1.023	2.90517	-3.88	2.038906	-3.788	.04831	-.16	.04263	-.11
1.022	2.90905	-3.88	2.042700	-3.801	.04848	-.16	.04273	-.11
1.021	2.91294	-3.89	2.046507	-3.813	.04865	-.16	.04284	-.11
1.020	2.91684	-3.90	2.050326	-3.826	.04881	-.16	.04295	-.11
1.019	2.92074	-3.91	2.054158	-3.838	.04898	-.16	.04305	-.11
1.018	2.92466	-3.92	2.058003	-3.851	.04915	-.16	.04316	-.11
1.017	2.92858	-3.93	2.061860	-3.863	.04932	-.17	.04327	-.11
1.016	2.93252	-3.94	2.065729	-3.876	.04949	-.17	.04338	-.11
1.015	2.93646	-3.95	2.069612	-3.889	.04966	-.17	.04349	-.11
1.014	2.94041	-3.96	2.073508	-3.902	.04983	-.17	.04360	-.11
1.013	2.94437	-3.97	2.077416	-3.915	.05001	-.17	.04371	-.11
1.012	2.94835	-3.97	2.081337	-3.928	.05018	-.17	.04382	-.11
1.011	2.95232	-3.98	2.085272	-3.941	.05035	-.17	.04393	-.11
1.010	2.95631	-3.99	2.089219	-3.954	.05053	-.17	.04405	-.11
1.009	2.96031	-4.00	2.093179	-3.967	.05071	-.17	.04416	-.11
1.008	2.96432	-4.01	2.097153	-3.980	.05088	-.17	.04427	-.11
1.007	2.96834	-4.02	2.101140	-3.994	.05106	-.17	.04439	-.11
1.006	2.97237	-4.04	2.105143	-4.012	.05124	-.18	.04450	-.11
1.005	2.97641	-4.05	2.109166	-4.034	.05142	-.18	.04461	-.12
1.004	2.98048	-4.08	2.113213	-4.059	.05160	-.18	.04473	-.12
1.003	2.98456	-4.10	2.117286	-4.088	.05179	-.18	.04465	-.12
1.002	2.98868	-4.13	2.121389	-4.119	.05197	-.18	.04496	-.12
1.001	2.99282	-4.16	2.125526	-4.153	.05216	-.18	.04508	-.12
1.000	2.99699	-4.19	2.129697	-4.190	.05234	-.18	.04520	-.12

SIACCI FUNCTIONS 106mm,HEAT,M344

M	S	S'	T	T'	A 1/sec	A' 1/sec	I 1/sec	I' 1/sec
1.000	2.99699	-4.19	2.129697	-4.190	.05234	-.18	.04520	-.12
.999	3.00120	-4.22	2.133906	-4.228	.05254	-.19	.04532	-.12
.998	3.00544	-4.26	2.138153	-4.267	.05273	-.19	.04545	-.12
.997	3.00972	-4.30	2.142441	-4.308	.05292	-.19	.04557	-.12
.996	3.01403	-4.33	2.146769	-4.349	.05312	-.19	.04569	-.13
.995	3.01838	-4.37	2.151139	-4.391	.05332	-.20	.04582	-.13
.994	3.02277	-4.41	2.155551	-4.432	.05352	-.20	.04595	-.13
.993	3.02719	-4.44	2.160003	-4.472	.05372	-.20	.04608	-.13
.992	3.03165	-4.47	2.164494	-4.511	.05393	-.20	.04621	-.13
.991	3.03614	-4.51	2.169024	-4.548	.05414	-.20	.04634	-.13
.990	3.04066	-4.54	2.173589	-4.584	.05435	-.21	.04647	-.13
.989	3.04522	-4.57	2.178191	-4.620	.05456	-.21	.04660	-.13
.988	3.04980	-4.60	2.182829	-4.656	.05477	-.21	.04674	-.14
.987	3.05442	-4.63	2.187502	-4.692	.05499	-.21	.04687	-.14
.986	3.05906	-4.66	2.192212	-4.728	.05521	-.21	.04701	-.14
.985	3.06374	-4.69	2.196958	-4.764	.05543	-.22	.04715	-.14
.984	3.06845	-4.72	2.201740	-4.800	.05565	-.22	.04729	-.14
.983	3.07319	-4.75	2.206558	-4.836	.05587	-.22	.04743	-.14
.982	3.07795	-4.78	2.211412	-4.872	.05610	-.22	.04757	-.14
.981	3.08275	-4.81	2.216302	-4.908	.05633	-.23	.04771	-.14
.980	3.08758	-4.85	2.221229	-4.944	.05656	-.23	.04786	-.14
.979	3.09244	-4.88	2.226191	-4.980	.05679	-.23	.04800	-.15
.978	3.09734	-4.91	2.231189	-5.016	.05703	-.23	.04815	-.15
.977	3.10226	-4.94	2.236222	-5.052	.05726	-.23	.04830	-.15
.976	3.10721	-4.97	2.241292	-5.087	.05750	-.24	.04845	-.15
.975	3.11219	-4.99	2.246397	-5.123	.05775	-.24	.04860	-.15
.974	3.11720	-5.02	2.251537	-5.158	.05799	-.24	.04875	-.15
.973	3.12223	-5.05	2.256713	-5.193	.05823	-.24	.04890	-.15
.972	3.12730	-5.08	2.261924	-5.229	.05848	-.24	.04905	-.15
.971	3.13240	-5.11	2.267170	-5.263	.05873	-.25	.04921	-.16
.970	3.13752	-5.14	2.272450	-5.298	.05899	-.25	.04936	-.16
.969	3.14268	-5.17	2.277766	-5.333	.05924	-.25	.04952	-.16
.968	3.14786	-5.20	2.283116	-5.367	.05950	-.25	.04968	-.16
.967	3.15307	-5.22	2.288500	-5.401	.05976	-.26	.04984	-.16
.966	3.15830	-5.25	2.293919	-5.435	.06002	-.26	.05000	-.16
.965	3.16357	-5.28	2.299371	-5.469	.06028	-.26	.05016	-.16
.964	3.16886	-5.30	2.304857	-5.503	.06055	-.26	.05033	-.16
.963	3.17418	-5.33	2.310376	-5.536	.06082	-.26	.05049	-.16
.962	3.17952	-5.36	2.315929	-5.569	.06109	-.27	.05066	-.17
.961	3.18489	-5.38	2.321514	-5.602	.06136	-.27	.05082	-.17
.960	3.19029	-5.41	2.327131	-5.634	.06163	-.27	.05099	-.17

SIACCI FUNCTIONS 106mm, HEAT, M344

M	S	S'	T	T'	A 1/sec	A' 1/sec	I 1/sec	I' 1/sec
.960	3.19029	-5.41	2.327131	-5.634	.06163	-.27	.05099	-.17
.959	3.19571	-5.43	2.332781	-5.666	.06191	-.27	.05116	-.17
.958	3.20116	-5.46	2.338463	-5.698	.06219	-.28	.05133	-.17
.957	3.20663	-5.48	2.344177	-5.729	.06247	-.28	.05150	-.17
.956	3.21212	-5.51	2.349921	-5.760	.06275	-.28	.05167	-.17
.955	3.21764	-5.53	2.355697	-5.791	.06304	-.28	.05185	-.17
.954	3.22318	-5.55	2.361502	-5.821	.06333	-.28	.05202	-.18
.953	3.22875	-5.58	2.367339	-5.851	.06362	-.29	.05220	-.18
.952	3.23433	-5.60	2.373205	-5.881	.06391	-.29	.05237	-.18
.951	3.23994	-5.62	2.379102	-5.912	.06420	-.29	.05255	-.18
.950	3.24558	-5.65	2.385029	-5.943	.06450	-.29	.05273	-.18
.949	3.25124	-5.67	2.390987	-5.974	.06480	-.30	.05291	-.18
.948	3.25692	-5.69	2.396976	-6.005	.06510	-.30	.05309	-.18
.947	3.26262	-5.72	2.402997	-6.036	.06540	-.30	.05327	-.18
.946	3.26835	-5.74	2.409049	-6.068	.06571	-.30	.05346	-.18
.945	3.27410	-5.76	2.415133	-6.100	.06602	-.30	.05364	-.19
.944	3.27988	-5.79	2.421249	-6.132	.06633	-.31	.05383	-.19
.943	3.28568	-5.81	2.427398	-6.165	.06664	-.31	.05402	-.19
.942	3.29150	-5.84	2.433579	-6.197	.06696	-.31	.05420	-.19
.941	3.29735	-5.86	2.439792	-6.230	.06727	-.31	.05439	-.19
.940	3.30323	-5.89	2.446039	-6.263	.06759	-.32	.05458	-.19
.939	3.30913	-5.91	2.452319	-6.297	.06792	-.32	.05478	-.19
.938	3.31506	-5.94	2.458633	-6.330	.06824	-.32	.05497	-.19
.937	3.32101	-5.96	2.464980	-6.364	.06857	-.32	.05516	-.19
.936	3.32698	-5.99	2.471362	-6.399	.06890	-.33	.05536	-.20
.935	3.33298	-6.01	2.477777	-6.433	.06923	-.33	.05556	-.20
.934	3.33901	-6.04	2.484228	-6.468	.06957	-.33	.05575	-.20
.933	3.34507	-6.07	2.490713	-6.503	.06990	-.33	.05595	-.20
.932	3.35115	-6.09	2.497233	-6.538	.07025	-.34	.05615	-.20
.931	3.35725	-6.12	2.503789	-6.574	.07059	-.34	.05636	-.20
.930	3.36339	-6.15	2.510381	-6.610	.07094	-.34	.05656	-.20
.929	3.36955	-6.17	2.517008	-6.646	.07128	-.35	.05676	-.21
.928	3.37573	-6.20	2.523672	-6.682	.07164	-.35	.05697	-.21
.927	3.38195	-6.23	2.530373	-6.719	.07199	-.35	.05718	-.21
.926	3.38819	-6.26	2.537110	-6.756	.07235	-.35	.05739	-.21
.925	3.39446	-6.28	2.543884	-6.793	.07271	-.36	.05760	-.21
.924	3.40076	-6.31	2.550696	-6.830	.07307	-.36	.05781	-.21
.923	3.40708	-6.34	2.557545	-6.868	.07344	-.36	.05802	-.21
.922	3.41344	-6.37	2.564432	-6.906	.07381	-.37	.05823	-.21
.921	3.41982	-6.40	2.571358	-6.944	.07418	-.37	.05845	-.22
.920	3.42623	-6.42	2.578321	-6.983	.07456	-.37	.05867	-.22

SIACCI FUNCTIONS 106mm, HEAT, M344

M	S	S'	T	T'	A 1/sec	A' 1/sec	I 1/sec	I' 1/sec
.920	3.42623	-6.42	2.578321	-6.983	.07456	-.37	.05867	-.22
.919	3.43267	-6.45	2.585323	-7.022	.07493	-.38	.05889	-.22
.918	3.43913	-6.48	2.592365	-7.061	.07532	-.38	.05911	-.22
.917	3.44563	-6.51	2.599445	-7.100	.07570	-.38	.05933	-.22
.916	3.45216	-6.54	2.606564	-7.139	.07609	-.38	.05955	-.22
.915	3.45871	-6.57	2.613723	-7.179	.07648	-.39	.05977	-.23
.914	3.46529	-6.60	2.620922	-7.219	.07687	-.39	.06000	-.23
.913	3.47191	-6.63	2.628161	-7.259	.07727	-.39	.06023	-.23
.912	3.47855	-6.66	2.635440	-7.299	.07767	-.40	.06046	-.23
.911	3.48522	-6.69	2.642760	-7.340	.07808	-.40	.06069	-.23
.910	3.49192	-6.72	2.650120	-7.381	.07848	-.40	.06092	-.23
.909	3.49865	-6.75	2.657521	-7.422	.07889	-.41	.06115	-.23
.908	3.50541	-6.78	2.664963	-7.463	.07931	-.41	.06139	-.24
.907	3.51221	-6.81	2.672446	-7.504	.07973	-.41	.06162	-.24
.906	3.51903	-6.84	2.679971	-7.546	.08015	-.42	.06186	-.24
.905	3.52588	-6.87	2.687537	-7.587	.08057	-.42	.06210	-.24
.904	3.53276	-6.90	2.695145	-7.629	.08100	-.43	.06234	-.24
.903	3.53967	-6.93	2.702795	-7.671	.08143	-.43	.06259	-.24
.902	3.54661	-6.96	2.710488	-7.713	.08187	-.43	.06283	-.25
.901	3.55359	-6.99	2.718222	-7.756	.08230	-.44	.06308	-.25
.900	3.56059	-7.02	2.725999	-7.798	.08275	-.44	.06333	-.25
.899	3.56762	-7.05	2.733818	-7.841	.08319	-.44	.06358	-.25
.898	3.57469	-7.08	2.741680	-7.883	.08364	-.45	.06383	-.25
.897	3.58178	-7.11	2.749585	-7.926	.08410	-.45	.06408	-.25
.896	3.58891	-7.14	2.757532	-7.969	.08455	-.45	.06433	-.26
.895	3.59606	-7.17	2.765523	-8.012	.08502	-.46	.06459	-.26
.894	3.60325	-7.20	2.773557	-8.055	.08548	-.46	.06485	-.26
.893	3.61046	-7.23	2.781634	-8.099	.08595	-.47	.06511	-.26
.892	3.61771	-7.26	2.789754	-8.142	.08642	-.47	.06537	-.26
.891	3.62499	-7.29	2.797918	-8.185	.08690	-.47	.06563	-.26
.890	3.63230	-7.32	2.806125	-8.229	.08738	-.48	.06590	-.27
.889	3.63964	-7.35	2.814375	-8.272	.08786	-.48	.06616	-.27
.888	3.64701	-7.38	2.822669	-8.316	.08835	-.49	.06643	-.27
.887	3.65441	-7.41	2.831007	-8.359	.08885	-.49	.06670	-.27
.886	3.66184	-7.45	2.839388	-8.403	.08934	-.49	.06697	-.27
.885	3.66930	-7.48	2.847813	-8.447	.08984	-.50	.06724	-.27
.884	3.67679	-7.51	2.856281	-8.490	.09035	-.50	.06752	-.28
.883	3.68431	-7.54	2.864793	-8.534	.09086	-.51	.06780	-.28
.882	3.69186	-7.57	2.873349	-8.577	.09137	-.51	.06807	-.28
.881	3.69944	-7.59	2.881948	-8.621	.09189	-.51	.06835	-.28
.880	3.70705	-7.62	2.890590	-8.664	.09241	-.52	.06864	-.28

SIACCI FUNCTIONS 106mm, HEAT, M344

M	S	S'	T	T'	A 1/sec	A' 1/sec	I 1/sec	I' 1/sec
.880	3.70705	-7.62	2.890590	-8.664	.09241	-.52	.06864	-.28
.879	3.71469	-7.65	2.899276	-8.708	.09293	-.52	.06892	-.28
.878	3.72235	-7.68	2.908005	-8.751	.09346	-.53	.06920	-.29
.877	3.73005	-7.71	2.916778	-8.794	.09400	-.53	.06949	-.29
.876	3.73778	-7.74	2.925593	-8.837	.09453	-.54	.06978	-.29
.875	3.74553	-7.77	2.934452	-8.880	.09508	-.54	.07007	-.29
.874	3.75332	-7.80	2.943353	-8.923	.09562	-.54	.07036	-.29
.873	3.76113	-7.83	2.952297	-8.966	.09617	-.55	.07066	-.29
.872	3.76897	-7.86	2.961284	-9.008	.09673	-.55	.07095	-.30
.871	3.77684	-7.88	2.970313	-9.050	.09729	-.56	.07125	-.30
.870	3.78474	-7.91	2.979385	-9.093	.09785	-.56	.07155	-.30
.869	3.79266	-7.94	2.988498	-9.134	.09842	-.57	.07185	-.30
.868	3.80061	-7.96	2.997654	-9.176	.09899	-.57	.07215	-.30
.867	3.80859	-7.99	3.006850	-9.218	.09957	-.57	.07246	-.31
.866	3.81660	-8.02	3.016089	-9.259	.10015	-.58	.07276	-.31
.865	3.82463	-8.04	3.025368	-9.300	.10074	-.58	.07307	-.31
.864	3.83269	-8.07	3.034688	-9.340	.10133	-.59	.07338	-.31
.863	3.84077	-8.10	3.044049	-9.381	.10192	-.59	.07369	-.31
.862	3.84888	-8.12	3.053450	-9.421	.10252	-.60	.07400	-.31
.861	3.85701	-8.15	3.062890	-9.461	.10312	-.60	.07432	-.32
.860	3.86517	-8.17	3.072371	-9.500	.10373	-.61	.07463	-.32
.859	3.87335	-8.19	3.081890	-9.539	.10434	-.61	.07495	-.32
.858	3.88156	-8.22	3.091448	-9.578	.10496	-.61	.07527	-.32
.857	3.88979	-8.24	3.101045	-9.616	.10558	-.62	.07559	-.32
.856	3.89804	-8.26	3.110680	-9.653	.10620	-.62	.07591	-.32
.855	3.90631	-8.29	3.120352	-9.691	.10683	-.63	.07624	-.33
.854	3.91461	-8.31	3.130061	-9.728	.10747	-.63	.07657	-.33
.853	3.92293	-8.33	3.139807	-9.764	.10811	-.64	.07689	-.33
.852	3.93127	-8.35	3.149589	-9.800	.10875	-.64	.07722	-.33
.851	3.93963	-8.37	3.159406	-9.835	.10939	-.64	.07755	-.33
.850	3.94801	-8.39	3.169259	-9.870	.11005	-.65	.07789	-.33
.849	3.95640	-8.41	3.179147	-9.905	.11070	-.65	.07822	-.33
.848	3.96482	-8.43	3.189069	-9.940	.11136	-.66	.07856	-.34
.847	3.97326	-8.45	3.199026	-9.975	.11203	-.66	.07889	-.34
.846	3.98172	-8.47	3.209018	-10.010	.11269	-.67	.07923	-.34
.845	3.99020	-8.49	3.219046	-10.045	.11337	-.67	.07957	-.34
.844	3.99870	-8.51	3.229108	-10.080	.11405	-.68	.07991	-.34
.843	4.00721	-8.53	3.239206	-10.115	.11473	-.68	.08026	-.34
.842	4.01575	-8.55	3.249339	-10.151	.11541	-.68	.08060	-.35
.841	4.02431	-8.57	3.259507	-10.187	.11611	-.69	.08095	-.35
.840	4.03289	-8.59	3.269712	-10.222	.11680	-.69	.08130	-.35

SIACCI FUNCTIONS 106mm,HEAT,M344

M	S	S'	T	T'	A 1/sec	A' 1/sec	I 1/sec	I' 1/sec
.840	4.03289	-8.59	3.269712	-10.222	.11680	-.69	.08130	-.35
.839	4.04148	-8.61	3.279952	-10.258	.11750	-.70	.08165	-.35
.838	4.05010	-8.63	3.290228	-10.294	.11821	-.70	.08200	-.35
.837	4.05873	-8.65	3.300540	-10.330	.11892	-.71	.08235	-.35
.836	4.06739	-8.67	3.310889	-10.366	.11963	-.71	.08271	-.36
.835	4.07607	-8.69	3.321273	-10.403	.12035	-.72	.08306	-.36
.834	4.08476	-8.71	3.331694	-10.439	.12107	-.72	.08342	-.36
.833	4.09348	-8.73	3.342151	-10.476	.12180	-.73	.08378	-.36
.832	4.10222	-8.75	3.352645	-10.512	.12254	-.73	.08414	-.36
.831	4.11097	-8.77	3.363176	-10.549	.12327	-.74	.08451	-.36
.830	4.11975	-8.79	3.373744	-10.586	.12402	-.74	.08487	-.37
.829	4.12866	-8.81	3.384349	-10.623	.12477	-.75	.08524	-.37
.828	4.13836	-8.83	3.394990	-10.660	.12552	-.75	.08561	-.37
.827	4.14620	-8.85	3.405670	-10.698	.12628	-.76	.08598	-.37
.826	4.15506	-8.87	3.416386	-10.735	.12704	-.76	.08635	-.37
.825	4.16393	-8.89	3.427140	-10.773	.12781	-.77	.08673	-.37
.824	4.17283	-8.91	3.437932	-10.810	.12858	-.77	.08710	-.38
.823	4.18175	-8.93	3.448761	-10.848	.12936	-.78	.08748	-.38
.822	4.19069	-8.95	3.459628	-10.886	.13014	-.78	.08786	-.38
.821	4.19965	-8.97	3.470533	-10.924	.13093	-.79	.08824	-.38
.820	4.20863	-8.99	3.481477	-10.962	.13173	-.79	.08862	-.38
.819	4.21763	-9.01	3.492458	-11.001	.13253	-.80	.08901	-.39
.818	4.22665	-9.03	3.503478	-11.039	.13333	-.80	.08939	-.39
.817	4.23569	-9.05	3.514537	-11.078	.13414	-.81	.08978	-.39
.816	4.24475	-9.07	3.525634	-11.116	.13495	-.81	.09017	-.39
.815	4.25383	-9.09	3.536769	-11.155	.13578	-.82	.09056	-.39
.814	4.26293	-9.11	3.547944	-11.194	.13660	-.82	.09096	-.39
.813	4.27205	-9.13	3.559158	-11.233	.13743	-.83	.09135	-.40
.812	4.28119	-9.15	3.570411	-11.272	.13827	-.84	.09175	-.40
.811	4.29036	-9.17	3.581703	-11.312	.13911	-.84	.09215	-.40
.810	4.29954	-9.19	3.593034	-11.351	.13996	-.85	.09255	-.40
.809	4.30875	-9.22	3.604405	-11.391	.14081	-.85	.09295	-.40
.808	4.31797	-9.24	3.615816	-11.431	.14167	-.86	.09336	-.41
.807	4.32722	-9.26	3.627266	-11.470	.14254	-.86	.09377	-.41
.806	4.33649	-9.28	3.638757	-11.510	.14341	-.87	.09417	-.41
.805	4.34577	-9.30	3.650287	-11.550	.14429	-.87	.09458	-.41
.804	4.35508	-9.32	3.661857	-11.591	.14517	-.88	.09500	-.41
.803	4.36441	-9.34	3.673468	-11.631	.14606	-.89	.09541	-.42
.802	4.37376	-9.36	3.685119	-11.672	.14695	-.89	.09583	-.42
.801	4.38313	-9.38	3.696811	-11.712	.14785	-.90	.09625	-.42
.800	4.39252	-9.40	3.708544	-11.753	.14876	-.90	.09667	-.42

SIACCI FUNCTIONS 106mm, HEAT, M344

M	S	S'	T	T'	A 1/sec	A' 1/sec	I 1/sec	I' 1/sec
.800	4.39252	-9.40	3.708544	-11.753	.14876	-.90	.09667	-.42
.799	4.40194	-9.42	3.720317	-11.794	.14967	-.91	.09709	-.42
.798	4.41137	-9.44	3.732131	-11.835	.15059	-.92	.09752	-.43
.797	4.42083	-9.47	3.743987	-11.876	.15151	-.92	.09794	-.43
.796	4.43030	-9.49	3.755883	-11.917	.15244	-.93	.09837	-.43
.795	4.43980	-9.51	3.767821	-11.959	.15338	-.93	.09880	-.43
.794	4.44932	-9.53	3.779801	-12.000	.15432	-.94	.09923	-.43
.793	4.45885	-9.55	3.791822	-12.042	.15527	-.95	.09967	-.44
.792	4.46841	-9.57	3.803885	-12.084	.15622	-.95	.10011	-.44
.791	4.47800	-9.59	3.815989	-12.126	.15718	-.96	.10055	-.44
.790	4.48760	-9.61	3.828136	-12.168	.15815	-.97	.10099	-.44
.789	4.49722	-9.63	3.840325	-12.210	.15913	-.97	.10143	-.44
.788	4.50686	-9.65	3.852556	-12.252	.16011	-.98	.10187	-.45
.787	4.51653	-9.68	3.864830	-12.295	.16109	-.99	.10232	-.45
.786	4.52622	-9.70	3.877146	-12.338	.16209	-.99	.10277	-.45
.785	4.53592	-9.72	3.889505	-12.380	.16309	-1.00	.10322	-.45
.784	4.54565	-9.74	3.901907	-12.423	.16409	-1.01	.10368	-.45
.783	4.55540	-9.76	3.914352	-12.466	.16510	-1.01	.10413	-.46
.782	4.56518	-9.78	3.926840	-12.510	.16612	-1.02	.10459	-.46
.781	4.57497	-9.80	3.939371	-12.553	.16715	-1.03	.10505	-.46
.780	4.58478	-9.83	3.951946	-12.596	.16818	-1.03	.10551	-.46
.779	4.59462	-9.85	3.964564	-12.640	.16922	-1.04	.10598	-.47
.778	4.60448	-9.87	3.977226	-12.684	.17027	-1.05	.10644	-.47
.777	4.61436	-9.89	3.989932	-12.728	.17133	-1.05	.10691	-.47
.776	4.62426	-9.91	4.002681	-12.772	.17239	-1.06	.10738	-.47
.775	4.63418	-9.93	4.015475	-12.816	.17345	-1.07	.10786	-.47
.774	4.64412	-9.95	4.028313	-12.860	.17453	-1.07	.10833	-.48
.773	4.65409	-9.98	4.041195	-12.905	.17561	-1.08	.10881	-.48
.772	4.66407	-10.00	4.054122	-12.949	.17670	-1.09	.10929	-.48
.771	4.67408	-10.02	4.067094	-12.994	.17780	-1.10	.10977	-.48
.770	4.68411	-10.04	4.080110	-13.039	.17890	-1.10	.11026	-.49
.769	4.69416	-10.06	4.093172	-13.084	.18001	-1.11	.11075	-.49
.768	4.70423	-10.08	4.106278	-13.129	.18113	-1.12	.11124	-.49
.767	4.71433	-10.10	4.119430	-13.174	.18225	-1.12	.11173	-.49
.766	4.72444	-10.13	4.132627	-13.220	.18339	-1.13	.11222	-.50
.765	4.73458	-10.15	4.145869	-13.265	.18453	-1.14	.11272	-.50
.764	4.74474	-10.17	4.159158	-13.311	.18567	-1.15	.11322	-.50
.763	4.75492	-10.19	4.172492	-13.357	.18683	-1.15	.11372	-.50
.762	4.76512	-10.21	4.185872	-13.403	.18799	-1.16	.11422	-.50
.761	4.77534	-10.23	4.199298	-13.449	.18916	-1.17	.11473	-.51
.760	4.78559	-10.26	4.212771	-13.496	.19034	-1.18	.11524	-.51

SIACCI FUNCTIONS 106mm, HEAT, M344

M	S	S'	T	T'	A 1/sec	A' 1/sec	I 1/sec	I' 1/sec
.760	4.78559	-10.26	4.212771	-13.496	.19034	-1.18	.11524	-.51
.759	4.79586	-10.28	4.226290	-13.542	.19152	-1.19	.11575	-.51
.758	4.80615	-10.30	4.239855	-13.589	.19272	-1.19	.11626	-.51
.757	4.81646	-10.32	4.253467	-13.636	.19392	-1.20	.11678	-.52
.756	4.82679	-10.34	4.267126	-13.683	.19513	-1.21	.11729	-.52
.755	4.83715	-10.37	4.280832	-13.730	.19635	-1.22	.11782	-.52
.754	4.84752	-10.39	4.294586	-13.777	.19757	-1.22	.11834	-.52
.753	4.85792	-10.41	4.308386	-13.824	.19880	-1.23	.11886	-.53
.752	4.86834	-10.43	4.322234	-13.872	.20005	-1.24	.11939	-.53
.751	4.87878	-10.45	4.336129	-13.919	.20130	-1.25	.11992	-.53
.750	4.88925	-10.48	4.350073	-13.967	.20255	-1.26	.12046	-.53
.749	4.89974	-10.50	4.364064	-14.015	.20382	-1.27	.12099	-.54
.748	4.91024	-10.52	4.378103	-14.063	.20509	-1.27	.12153	-.54
.747	4.92077	-10.54	4.392191	-14.112	.20638	-1.28	.12207	-.54
.746	4.93133	-10.56	4.406326	-14.160	.20767	-1.29	.12261	-.54
.745	4.94190	-10.59	4.420511	-14.209	.20897	-1.30	.12316	-.55
.744	4.95250	-10.61	4.434744	-14.257	.21027	-1.31	.12371	-.55
.743	4.96312	-10.63	4.449025	-14.306	.21159	-1.32	.12426	-.55
.742	4.97376	-10.65	4.463356	-14.355	.21292	-1.32	.12481	-.56
.741	4.98442	-10.67	4.477736	-14.405	.21425	-1.33	.12537	-.56
.740	4.99510	-10.70	4.492165	-14.454	.21559	-1.34	.12593	-.56
.739	5.00581	-10.72	4.506644	-14.503	.21694	-1.35	.12649	-.56
.738	5.01654	-10.74	4.521172	-14.553	.21830	-1.36	.12706	-.57
.737	5.02729	-10.76	4.535750	-14.603	.21967	-1.37	.12762	-.57
.736	5.03806	-10.78	4.550377	-14.653	.22105	-1.38	.12819	-.57
.735	5.04886	-10.81	4.565055	-14.703	.22244	-1.39	.12877	-.57
.734	5.05968	-10.83	4.579783	-14.753	.22383	-1.40	.12934	-.58
.733	5.07052	-10.85	4.594562	-14.804	.22524	-1.41	.12992	-.58
.732	5.08138	-10.87	4.609391	-14.854	.22665	-1.41	.13050	-.58
.731	5.09226	-10.90	4.624270	-14.905	.22808	-1.42	.13109	-.59
.730	5.10317	-10.92	4.639201	-14.956	.22951	-1.43	.13167	-.59
.729	5.11410	-10.94	4.654182	-15.007	.23095	-1.44	.13226	-.59
.728	5.12505	-10.96	4.669215	-15.058	.23240	-1.45	.13285	-.59
.727	5.13603	-10.98	4.684299	-15.110	.23386	-1.46	.13345	-.60
.726	5.14702	-11.01	4.699435	-15.161	.23534	-1.47	.13405	-.60
.725	5.15804	-11.03	4.714622	-15.213	.23682	-1.48	.13465	-.60
.724	5.16908	-11.05	4.729861	-15.265	.23831	-1.49	.13525	-.61
.723	5.18014	-11.07	4.745151	-15.317	.23981	-1.50	.13586	-.61
.722	5.19123	-11.10	4.760494	-15.369	.24131	-1.51	.13647	-.61
.721	5.20234	-11.12	4.775890	-15.422	.24283	-1.52	.13708	-.61
.720	5.21347	-11.14	4.791338	-15.474	.24436	-1.53	.13769	-.62

SIACCI FUNCTIONS 106mm, HEAT, M344

M	S	S'	T	T'	A 1/sec	A' 1/sec	I 1/sec	I' 1/sec
.720	5.21347	-11.14	4.791338	-15.474	.24436	-1.53	.13769	-.62
.719	5.22462	-11.16	4.806838	-15.527	.24590	-1.54	.13831	-.62
.718	5.23579	-11.19	4.822391	-15.580	.24745	-1.55	.13893	-.62
.717	5.24699	-11.21	4.837997	-15.633	.24901	-1.56	.13956	-.63
.716	5.25821	-11.23	4.853657	-15.686	.25058	-1.57	.14019	-.63
.715	5.26945	-11.25	4.869369	-15.739	.25216	-1.58	.14082	-.63
.714	5.28072	-11.28	4.885135	-15.793	.25375	-1.59	.14145	-.63
.713	5.29201	-11.30	4.900955	-15.847	.25535	-1.60	.14209	-.64
.712	5.30332	-11.32	4.916828	-15.900	.25696	-1.61	.14273	-.64
.711	5.31465	-11.34	4.932756	-15.954	.25858	-1.62	.14337	-.64
.710	5.32600	-11.37	4.948737	-16.009	.26021	-1.63	.14401	-.65
.709	5.33738	-11.39	4.964773	-16.063	.26185	-1.64	.14466	-.65
.708	5.34878	-11.41	4.980863	-16.118	.26351	-1.65	.14531	-.65
.707	5.36020	-11.43	4.997008	-16.172	.26517	-1.66	.14597	-.66
.706	5.37165	-11.46	5.013208	-16.227	.26684	-1.68	.14663	-.66
.705	5.38312	-11.48	5.029463	-16.282	.26853	-1.69	.14729	-.66
.704	5.39461	-11.50	5.045772	-16.337	.27023	-1.70	.14795	-.67
.703	5.40612	-11.52	5.062137	-16.393	.27193	-1.71	.14862	-.67
.702	5.41765	-11.55	5.078558	-16.448	.27365	-1.72	.14929	-.67
.701	5.42921	-11.57	5.095034	-16.504	.27538	-1.73	.14997	-.68
.700	5.44079	-11.59	5.111566	-16.560	.27712	-1.74	.15064	-.68
.699	5.45240	-11.61	5.128155	-16.616	.27887	-1.75	.15132	-.68
.698	5.46402	-11.64	5.144799	-16.673	.28064	-1.76	.15201	-.69
.697	5.47567	-11.66	5.161500	-16.729	.28241	-1.78	.15269	-.69
.696	5.48734	-11.68	5.178257	-16.786	.28420	-1.79	.15338	-.69
.695	5.49904	-11.71	5.195071	-16.842	.28600	-1.80	.15408	-.70
.694	5.51075	-11.73	5.211942	-16.899	.28780	-1.81	.15478	-.70
.693	5.52249	-11.75	5.228870	-16.957	.28963	-1.82	.15548	-.70
.692	5.53426	-11.77	5.245855	-17.014	.29146	-1.83	.15618	-.71
.691	5.54604	-11.80	5.262897	-17.071	.29330	-1.85	.15689	-.71
.690	5.55785	-11.82	5.279998	-17.129	.29516	-1.86	.15760	-.71
.689	5.56968	-11.84	5.297156	-17.187	.29703	-1.87	.15831	-.72
.688	5.58153	-11.86	5.314372	-17.245	.29891	-1.88	.15903	-.72
.687	5.59341	-11.89	5.331646	-17.303	.30080	-1.89	.15975	-.72
.686	5.60531	-11.91	5.348978	-17.362	.30271	-1.91	.16048	-.73
.685	5.61723	-11.93	5.366369	-17.420	.30462	-1.92	.16120	-.73
.684	5.62917	-11.96	5.383819	-17.479	.30655	-1.93	.16194	-.73
.683	5.64114	-11.98	5.401327	-17.538	.30850	-1.94	.16267	-.74
.682	5.65313	-12.00	5.418895	-17.597	.31045	-1.96	.16341	-.74
.681	5.66514	-12.02	5.436521	-17.657	.31242	-1.97	.16415	-.74
.680	5.67718	-12.05	5.454208	-17.716	.31440	-1.98	.16490	-.75

SIACCI FUNCTIONS 106mm,HEAT,M344

M	S	S'	T	T'	A 1/sec	A' 1/sec	I 1/sec	I' 1/sec
.680	5.67718	-12.05	5.454208	-17.716	.31440	-1.98	.16490	-.75
.679	5.68924	-12.07	5.471954	-17.776	.31639	-1.99	.16565	-.75
.678	5.70132	-12.09	5.489759	-17.836	.31840	-2.01	.16640	-.75
.677	5.71342	-12.12	5.507625	-17.896	.32042	-2.02	.16716	-.76
.676	5.72555	-12.14	5.525551	-17.956	.32245	-2.03	.16792	-.76
.675	5.73770	-12.16	5.543537	-18.017	.32449	-2.05	.16868	-.77
.674	5.74987	-12.18	5.561584	-18.077	.32655	-2.06	.16945	-.77
.673	5.76207	-12.21	5.579692	-18.138	.32862	-2.07	.17022	-.77
.672	5.77428	-12.23	5.597860	-18.199	.33071	-2.09	.17100	-.78
.671	5.78653	-12.25	5.616090	-18.260	.33280	-2.10	.17178	-.78
.670	5.79879	-12.28	5.634381	-18.322	.33492	-2.11	.17256	-.78
.669	5.81108	-12.30	5.652733	-18.383	.33704	-2.13	.17335	-.79
.668	5.82339	-12.32	5.671147	-18.445	.33918	-2.14	.17414	-.79
.667	5.83572	-12.34	5.689624	-18.507	.34133	-2.15	.17493	-.80
.666	5.84808	-12.37	5.708162	-18.569	.34350	-2.17	.17573	-.80
.665	5.86045	-12.39	5.726762	-18.632	.34568	-2.18	.17653	-.80
.664	5.87286	-12.41	5.745425	-18.694	.34787	-2.20	.17734	-.81
.663	5.88528	-12.44	5.764151	-18.757	.35008	-2.21	.17815	-.81
.662	5.89773	-12.46	5.782940	-18.820	.35230	-2.23	.17896	-.82
.661	5.91020	-12.48	5.801791	-18.883	.35454	-2.24	.17978	-.82
.660	5.92269	-12.50	5.820706	-18.947	.35679	-2.25	.18060	-.82
.659	5.93521	-12.53	5.839685	-19.010	.35906	-2.27	.18143	-.83
.658	5.94775	-12.55	5.858727	-19.074	.36134	-2.28	.18226	-.83
.657	5.96031	-12.57	5.877833	-19.138	.36363	-2.30	.18309	-.84
.656	5.97289	-12.60	5.897003	-19.202	.36594	-2.31	.18393	-.84
.655	5.98550	-12.62	5.916237	-19.267	.36827	-2.33	.18477	-.84
.654	5.99813	-12.64	5.935536	-19.331	.37060	-2.34	.18562	-.85
.653	6.01079	-12.67	5.954900	-19.396	.37296	-2.36	.18647	-.85
.652	6.02346	-12.69	5.974328	-19.461	.37533	-2.37	.18732	-.86
.651	6.03617	-12.71	5.993822	-19.526	.37771	-2.39	.18818	-.86
.650	6.04889	-12.73	6.013381	-19.592	.38011	-2.40	.18904	-.87
.649	6.06163	-12.76	6.033005	-19.657	.38253	-2.42	.18991	-.87
.648	6.07440	-12.78	6.052696	-19.723	.38496	-2.43	.19078	-.87
.647	6.08720	-12.80	6.072452	-19.789	.38740	-2.45	.19166	-.88
.646	6.10001	-12.83	6.092274	-19.856	.38987	-2.47	.19254	-.88
.645	6.11285	-12.85	6.112163	-19.922	.39234	-2.48	.19342	-.89
.644	6.12571	-12.87	6.132118	-19.989	.39484	-2.50	.19431	-.89
.643	6.13859	-12.90	6.152140	-20.056	.39735	-2.51	.19520	-.90
.642	6.15150	-12.92	6.172229	-20.123	.39987	-2.53	.19610	-.90
.641	6.16443	-12.94	6.192386	-20.190	.40241	-2.55	.19700	-.90
.640	6.17739	-12.96	6.212609	-20.258	.40497	-2.56	.19791	-.91

SIACCI FUNCTIONS 106mm,HEAT,M344

M	S	S'	T	T'	A 1/sec	A' 1/sec	I 1/sec	I' 1/sec
.640	6.17739	-12.96	6.212609	-20.258	.40497	-2.56	.19791	-.91
.639	6.19036	-12.99	6.232901	-20.325	.40754	-2.58	.19882	-.91
.638	6.20336	-13.01	6.253260	-20.393	.41013	-2.59	.19973	-.92
.637	6.21638	-13.03	6.273688	-20.462	.41274	-2.61	.20065	-.92
.636	6.22943	-13.06	6.294183	-20.530	.41536	-2.63	.20158	-.93
.635	6.24250	-13.08	6.314748	-20.599	.41801	-2.64	.20251	-.93
.634	6.25559	-13.10	6.335381	-20.667	.42066	-2.66	.20344	-.94
.633	6.26870	-13.13	6.356083	-20.737	.42334	-2.68	.20438	-.94
.632	6.28184	-13.15	6.376854	-20.806	.42603	-2.70	.20532	-.94
.631	6.29500	-13.17	6.397694	-20.875	.42874	-2.71	.20627	-.95
.630	6.30819	-13.20	6.418605	-20.945	.43146	-2.73	.20722	-.95
.629	6.32139	-13.22	6.439585	-21.015	.43420	-2.75	.20818	-.96
.628	6.33462	-13.24	6.460635	-21.085	.43697	-2.76	.20914	-.96
.627	6.34788	-13.26	6.481756	-21.156	.43974	-2.78	.21010	-.97
.626	6.36115	-13.29	6.502947	-21.227	.44254	-2.80	.21107	-.97
.625	6.37445	-13.31	6.524209	-21.297	.44535	-2.82	.21205	-.98
.624	6.38778	-13.33	6.545541	-21.369	.44818	-2.84	.21303	-.98
.623	6.40112	-13.36	6.566946	-21.440	:45103	-2.85	.21402	-.99
.622	6.41449	-13.38	6.588421	-21.512	.45390	-2.87	.21501	-.99
.621	6.42788	-13.40	6.609969	-21.583	.45679	-2.89	.21600	-1.00
.620	6.44130	-13.43	6.631588	-21.655	.45969	-2.91	.21700	-1.00
.619	6.45473	-13.45	6.653280	-21.728	.46261	-2.93	.21801	-1.01
.618	6.46819	-13.47	6.675044	-21.800	.46556	-2.95	.21902	-1.01
.617	6.48168	-13.50	6.696880	-21.873	.46852	-2.96	.22003	-1.02
.616	6.49519	-13.52	6.718790	-21.946	.47149	-2.98	.22105	-1.02
.615	6.50872	-13.54	6.740772	-22.019	.47449	-3.00	.22208	-1.03
.614	6.52227	-13.57	6.762828	-22.093	.47751	-3.02	.22311	-1.03
.613	6.53585	-13.59	6.784958	-22.167	.48055	-3.04	.22414	-1.04
.612	6.54945	-13.61	6.807162	-22.241	.48360	-3.06	.22518	-1.04
.611	6.56307	-13.63	6.829439	-22.315	.48668	-3.08	.22623	-1.05
.610	6.57671	-13.66	6.851792	-22.389	.48977	-3.10	.22728	-1.05
.609	6.59038	-13.68	6.874218	-22.464	.49288	-3.12	.22833	-1.06
.608	6.60408	-13.70	6.896720	-22.539	.49602	-3.14	.22940	-1.06
.607	6.61779	-13.73	6.919297	-22.614	.49917	-3.16	.23046	-1.07
.606	6.63153	-13.75	6.941949	-22.690	.50234	-3.18	.23153	-1.07
.605	6.64529	-13.77	6.964676	-22.766	.50554	-3.20	.23261	-1.08
.604	6.65908	-13.80	6.987480	-22.842	.50875	-3.22	.23369	-1.09
.603	6.67288	-13.82	7.010359	-22.918	.51199	-3.24	.23478	-1.09
.602	6.68672	-13.84	7.033315	-22.994	.51524	-3.26	.23588	-1.10
.601	6.70057	-13.87	7.056348	-23.071	.51852	-3.28	.23697	-1.10
.600	6.71445	-13.89	7.079458	-23.148	.52181	-3.30	.23808	-1.11

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SIACCI FUNCTIONS 106mm,HEAT,m344

M	S	S'	T	T'	A 1/sec	A' 1/sec	I 1/sec	I' 1/sec
.600	6.71445	-13.89	7.079458	-23.148	.52181	-3.30	.23808	-1.11
.599	6.72835	-13.91	7.102644	-23.226	.52513	-3.32	.23919	-1.11
.598	6.74227	-13.94	7.125909	-23.303	.52847	-3.34	.24030	-1.12
.597	6.75622	-13.96	7.149251	-23.381	.53183	-3.37	.24143	-1.12
.596	6.77019	-13.98	7.172672	-23.460	.53521	-3.39	.24255	-1.13
.595	6.78418	-14.01	7.196171	-23.539	.53861	-3.41	.24368	-1.14
.594	6.79820	-14.03	7.219749	-23.618	.54203	-3.43	.24482	-1.14
.593	6.81224	-14.05	7.243407	-23.698	.54548	-3.45	.24597	-1.15
.592	6.82631	-14.08	7.267145	-23.778	.54895	-3.47	.24712	-1.15
.591	6.84039	-14.10	7.290963	-23.859	.55244	-3.50	.24827	-1.16
.590	6.85451	-14.12	7.314862	-23.939	.55595	-3.52	.24943	-1.16
.589	6.86864	-14.15	7.338842	-24.021	.55948	-3.54	.25060	-1.17
.588	6.88280	-14.17	7.362904	-24.103	.56304	-3.56	.25178	-1.18
.587	6.89699	-14.20	7.387048	-24.185	.56662	-3.59	.25295	-1.18
.586	6.91120	-14.22	7.411274	-24.267	.57022	-3.61	.25414	-1.19
.585	6.92543	-14.25	7.435582	-24.350	.57385	-3.63	.25533	-1.19
.584	6.93969	-14.27	7.459975	-24.434	.57750	-3.66	.25653	-1.20
.583	6.95397	-14.29	7.484450	-24.518	.58117	-3.68	.25773	-1.21
.582	6.96827	-14.32	7.509010	-24.602	.58486	-3.70	.25894	-1.21
.581	6.98260	-14.34	7.533655	-24.687	.58858	-3.73	.26016	-1.22
.580	6.99696	-14.37	7.558384	-24.772	.59233	-3.75	.26138	-1.23
.579	7.01134	-14.39	7.583199	-24.858	.59609	-3.78	.26261	-1.23
.578	7.02574	-14.42	7.608100	-24.944	.59989	-3.80	.26385	-1.24
.577	7.04017	-14.44	7.633087	-25.030	.60370	-3.82	.26509	-1.25
.576	7.05463	-14.47	7.658160	-25.117	.60754	-3.85	.26634	-1.25
.575	7.06911	-14.49	7.683321	-25.205	.61141	-3.87	.26759	-1.26
.574	7.08362	-14.52	7.708570	-25.293	.61530	-3.90	.26885	-1.26
.573	7.09815	-14.54	7.733907	-25.381	.61921	-3.92	.27012	-1.27
.572	7.11270	-14.57	7.759332	-25.470	.62316	-3.95	.27140	-1.28
.571	7.12728	-14.59	7.784847	-25.559	.62712	-3.98	.27268	-1.28
.570	7.14189	-14.62	7.810451	-25.649	.63111	-4.00	.27396	-1.29
.569	7.15652	-14.65	7.836145	-25.739	.63513	-4.03	.27526	-1.30
.568	7.17118	-14.67	7.861929	-25.830	.63918	-4.05	.27656	-1.31
.567	7.18587	-14.70	7.887804	-25.921	.64325	-4.08	.27787	-1.31
.566	7.20058	-14.72	7.913771	-26.013	.64735	-4.11	.27919	-1.32
.565	7.21531	-14.75	7.939830	-26.105	.65147	-4.13	.28051	-1.33
.564	7.23007	-14.78	7.965981	-26.198	.65562	-4.16	.28184	-1.33
.563	7.24486	-14.80	7.992225	-26.291	.65980	-4.19	.28317	-1.34
.562	7.25968	-14.83	8.018562	-26.384	.66400	-4.21	.28452	-1.35
.561	7.27452	-14.85	8.044994	-26.478	.66824	-4.24	.28587	-1.35
.560	7.28939	-14.88	8.071519	-26.573	.67250	-4.27	.28723	-1.36

SIACCI FUNCTIONS 106mm, HEAT, M344

M	S	S'	T	T'	A 1/sec	A' 1/sec	I 1/sec	I' 1/sec
.560	7.28939	-14.88	8.071519	-26.573	.67250	-4.27	.28723	-1.36
.559	7.30428	-14.91	8.098140	-26.668	.67678	-4.30	.28859	-1.37
.558	7.31920	-14.93	8.124856	-26.764	.68110	-4.33	.28997	-1.38
.557	7.33415	-14.96	8.151668	-26.860	.68544	-4.35	.29135	-1.38
.556	7.34912	-14.99	8.178576	-26.957	.68982	-4.38	.29273	-1.39
.555	7.36413	-15.02	8.205582	-27.054	.69422	-4.41	.29413	-1.40
.554	7.37915	-15.04	8.232685	-27.152	.69865	-4.44	.29553	-1.41
.553	7.39421	-15.07	8.259886	-27.250	.70311	-4.47	.29694	-1.41
.552	7.40929	-15.10	8.287185	-27.349	.70760	-4.50	.29836	-1.42
.551	7.42440	-15.12	8.314584	-27.448	.71212	-4.53	.29979	-1.43
.550	7.43954	-15.15	8.342082	-27.548	.71667	-4.56	.30122	-1.44
.549	7.45471	-15.18	8.369680	-27.649	.72125	-4.59	.30266	-1.45
.548	7.46990	-15.21	8.397379	-27.750	.72586	-4.62	.30411	-1.45
.547	7.48512	-15.23	8.425179	-27.851	.73050	-4.65	.30557	-1.46
.546	7.50037	-15.26	8.453082	-27.953	.73517	-4.68	.30703	-1.47
.545	7.51565	-15.29	8.481086	-28.056	.73987	-4.71	.30851	-1.48
.544	7.53095	-15.32	8.509194	-28.159	.74460	-4.74	.30999	-1.49
.543	7.54628	-15.35	8.537405	-28.263	.74937	-4.78	.31148	-1.49
.542	7.56164	-15.38	8.565720	-28.367	.75416	-4.81	.31298	-1.50
.541	7.57703	-15.40	8.594140	-28.472	.75899	-4.84	.31448	-1.51
.540	7.59245	-15.43	8.622665	-28.578	.76385	-4.87	.31600	-1.52
.539	7.60790	-15.46	8.651296	-28.684	.76874	-4.90	.31752	-1.53
.538	7.62337	-15.49	8.680033	-28.791	.77367	-4.94	.31905	-1.54
.537	7.63888	-15.52	8.708877	-28.898	.77863	-4.97	.32059	-1.54
.536	7.65441	-15.55	8.737829	-29.006	.78362	-5.00	.32214	-1.55
.535	7.66997	-15.58	8.766890	-29.115	.78864	-5.04	.32370	-1.56
.534	7.68556	-15.61	8.796059	-29.224	.79370	-5.07	.32526	-1.57
.533	7.70118	-15.63	8.825337	-29.334	.79879	-5.11	.32684	-1.58
.532	7.71683	-15.66	8.854726	-29.444	.80392	-5.14	.32842	-1.59
.531	7.73251	-15.69	8.884225	-29.555	.80908	-5.17	.33002	-1.60
.530	7.74822	-15.72	8.913836	-29.667	.81428	-5.21	.33162	-1.61
.529	7.76396	-15.75	8.943558	-29.779	.81951	-5.24	.33323	-1.62
.528	7.77972	-15.78	8.973394	-29.892	.82478	-5.28	.33485	-1.62
.527	7.79552	-15.81	9.003342	-30.005	.83008	-5.32	.33648	-1.63
.526	7.81135	-15.84	9.033404	-30.119	.83542	-5.35	.33812	-1.64
.525	7.82721	-15.87	9.063581	-30.234	.84079	-5.39	.33977	-1.65
.524	7.84310	-15.90	9.093873	-30.350	.84621	-5.43	.34142	-1.66
.523	7.85901	-15.93	9.124281	-30.466	.85165	-5.46	.34309	-1.67
.522	7.87496	-15.96	9.154805	-30.583	.85714	-5.50	.34477	-1.68
.521	7.89094	-15.99	9.185447	-30.700	.86266	-5.54	.34645	-1.69
.520	7.90695	-16.03	9.216206	-30.819	.86822	-5.57	.34815	-1.70

SIACCI FUNCTIONS 106mm,HEAT,M344

M	S	S'	T	T'	A 1/sec	A' 1/sec	I 1/sec	I' 1/sec
.520	7.90695	-16.03	9.216206	-30.819	.86822	-5.57	.34815	-1.70
.519	7.92299	-16.06	9.247084	-30.937	.87382	-5.61	.34985	-1.71
.518	7.93907	-16.09	9.278081	-31.057	.87946	-5.65	.35157	-1.72
.517	7.95517	-16.12	9.309198	-31.177	.88513	-5.69	.35330	-1.73
.516	7.97130	-16.15	9.340436	-31.298	.89085	-5.73	.35503	-1.74
.515	7.98747	-16.18	9.371795	-31.420	.89660	-5.77	.35678	-1.75
.514	8.00367	-16.21	9.403276	-31.542	.90239	-5.81	.35853	-1.76
.513	8.01989	-16.24	9.434879	-31.665	.90823	-5.85	.36030	-1.77
.512	8.03615	-16.28	9.466606	-31.789	.91410	-5.89	.36208	-1.78
.511	8.05245	-16.31	9.498458	-31.914	.92001	-5.93	.36386	-1.79
.510	8.06877	-16.34	9.530434	-32.039	.92597	-5.97	.36566	-1.80
.509	8.08513	-16.37	9.562536	-32.165	.93196	-6.01	.36747	-1.81
.508	8.10151	-16.40	9.594764	-32.292	.93800	-6.05	.36929	-1.82
.507	8.11793	-16.44	9.627119	-32.419	.94408	-6.10	.37112	-1.84
.506	8.13439	-16.47	9.659603	-32.548	.95020	-6.14	.37296	-1.85
.505	8.15087	-16.50	9.692214	-32.677	.95636	-6.18	.37481	-1.86
.504	8.16739	-16.53	9.724956	-32.806	.96257	-6.22	.37667	-1.87
.503	8.18394	-16.57	9.757827	-32.937	.96882	-6.27	.37855	-1.88
.502	8.20053	-16.60	9.790830	-33.068	.97511	-6.31	.38043	-1.89
.501	8.21714	-16.63	9.823964	-33.200	.98145	-6.35	.38233	-1.90
.500	8.23379	-16.67	9.857231	-33.333	.98783	-6.40	.38424	-1.91
.499	8.25048	-16.70	9.890631	-33.467	.99426	-6.44	.38616	-1.92
.498	8.26719	-16.73	9.924165	-33.602	1.00073	-6.49	.38809	-1.94
.497	8.28394	-16.77	9.957834	-33.737	1.00725	-6.54	.39003	-1.95
.496	8.30073	-16.80	9.991639	-33.873	1.01381	-6.58	.39198	-1.96
.495	8.31755	-16.84	10.025581	-34.010	1.02042	-6.63	.39395	-1.97
.494	8.33440	-16.87	10.059660	-34.148	1.02707	-6.67	.39593	-1.98
.493	8.35128	-16.90	10.093877	-34.287	1.03377	-6.72	.39792	-2.00
.492	8.36820	-16.94	10.128233	-34.426	1.04052	-6.77	.39992	-2.01
.491	8.38516	-16.97	10.162729	-34.567	1.04732	-6.82	.40193	-2.02
.490	8.40215	-17.01	10.197366	-34.708	1.05417	-6.87	.40396	-2.03
.489	8.41917	-17.04	10.232145	-34.850	1.06106	-6.91	.40600	-2.05
.488	8.43623	-17.08	10.267066	-34.993	1.06801	-6.96	.40805	-2.06
.487	8.45333	-17.11	10.302131	-35.137	1.07500	-7.01	.41011	-2.07
.486	8.47045	-17.15	10.337340	-35.281	1.08204	-7.06	.41219	-2.08
.485	8.48762	-17.18	10.372694	-35.427	1.08913	-7.11	.41428	-2.10
.484	8.50482	-17.22	10.408194	-35.574	1.09628	-7.16	.41638	-2.11
.483	8.52205	-17.25	10.443841	-35.721	1.10347	-7.22	.41850	-2.12
.482	8.53933	-17.29	10.479636	-35.869	1.11072	-7.27	.42063	-2.14
.481	8.55663	-17.33	10.515580	-36.019	1.11802	-7.32	.42277	-2.15
.480	8.57398	-17.36	10.551674	-36.169	1.12537	-7.37	.42493	-2.16

M	S	S'	T	T'	A 1/sec	A' 1/sec	I 1/sec	I' 1/sec
.480	8.57398	-17.36	10.551674	-36.169	1.12537	-7.37	.42493	-2.16
.479	8.59135	-17.40	10.587919	-36.320	1.13277	-7.43	.42710	-2.18
.478	8.60877	-17.43	10.624315	-36.472	1.14023	-7.48	.42928	-2.19
.477	8.62622	-17.47	10.660863	-36.625	1.14774	-7.53	.43148	-2.20
.476	8.64371	-17.51	10.697566	-36.779	1.15530	-7.59	.43369	-2.22
.475	8.66124	-17.54	10.734422	-36.934	1.16292	-7.64	.43591	-2.23
.474	8.67880	-17.58	10.771435	-37.090	1.17060	-7.70	.43815	-2.25
.473	8.69640	-17.62	10.808604	-37.247	1.17833	-7.75	.44040	-2.26
.472	8.71404	-17.66	10.845930	-37.405	1.18612	-7.81	.44267	-2.27
.471	8.73171	-17.69	10.883415	-37.564	1.19396	-7.87	.44495	-2.29
.470	8.74942	-17.73	10.921059	-37.724	1.20186	-7.93	.44725	-2.30
.469	8.76717	-17.77	10.958864	-37.886	1.20982	-7.98	.44956	-2.32
.468	8.78496	-17.81	10.996830	-38.048	1.21784	-8.04	.45189	-2.33
.467	8.80278	-17.84	11.034959	-38.211	1.22591	-8.10	.45423	-2.35
.466	8.82065	-17.88	11.073252	-38.375	1.23405	-8.16	.45658	-2.36
.465	8.83855	-17.92	11.111709	-38.540	1.24224	-8.22	.45895	-2.38
.464	8.85649	-17.96	11.150332	-38.706	1.25050	-8.28	.46134	-2.39
.463	8.87447	-18.00	11.189122	-38.874	1.25882	-8.34	.46374	-2.41
.462	8.89249	-18.04	11.228080	-39.042	1.26719	-8.40	.46616	-2.43
.461	8.91054	-18.08	11.267207	-39.212	1.27563	-8.47	.46859	-2.44
.460	8.92864	-18.12	11.306504	-39.382	1.28413	-8.53	.47104	-2.46
.459	8.94677	-18.16	11.345972	-39.554	1.29270	-8.59	.47351	-2.47
.458	8.96495	-18.20	11.385613	-39.727	1.30133	-8.66	.47599	-2.49
.457	8.98316	-18.23	11.425427	-39.901	1.31002	-8.72	.47849	-2.51
.456	9.00142	-18.27	11.465416	-40.076	1.31878	-8.79	.48100	-2.52
.455	9.01971	-18.32	11.505580	-40.253	1.32760	-8.85	.48353	-2.54
.454	9.03805	-18.36	11.545922	-40.430	1.33649	-8.92	.48608	-2.56
.453	9.05643	-18.40	11.586441	-40.609	1.34545	-8.98	.48864	-2.57
.452	9.07484	-18.44	11.627140	-40.789	1.35447	-9.05	.49122	-2.59
.451	9.09330	-18.48	11.668019	-40.970	1.36356	-9.12	.49382	-2.61
.450	9.11180	-18.52	11.709080	-41.152	1.37272	-9.19	.49644	-2.62
.449	9.13034	-18.56	11.750324	-41.336	1.38194	-9.26	.49907	-2.64
.448	9.14892	-18.60	11.791752	-41.521	1.39124	-9.33	.50172	-2.66
.447	9.16754	-18.64	11.833365	-41.706	1.40061	-9.40	.50439	-2.68
.446	9.18620	-18.68	11.875165	-41.894	1.41005	-9.47	.50708	-2.70
.445	9.20491	-18.73	11.917153	-42.082	1.41956	-9.54	.50978	-2.71
.444	9.22366	-18.77	11.959330	-42.272	1.42914	-9.61	.51251	-2.73
.443	9.24245	-18.81	12.001698	-42.463	1.43880	-9.69	.51525	-2.75
.442	9.26128	-18.85	12.044257	-42.655	1.44853	-9.76	.51801	-2.77
.441	9.28015	-18.90	12.087009	-42.849	1.45833	-9.84	.52079	-2.79
.440	9.29907	-18.94	12.129955	-43.044	1.46821	-9.91	.52359	-2.81

SIACCI FUNCTIONS 106mm, HEAT, M344

M	S	S'	T	T'	A 1/sec	A' 1/sec	I 1/sec	I' 1/sec
.440	9.29907	-18.94	12.129955	-43.044	1.46821	-9.91	.52359	-2.81
.439	9.31803	-18.98	12.173097	-43.240	1.47816	-9.99	.52640	-2.83
.438	9.33704	-19.03	12.216436	-43.438	1.48819	-10.06	.52924	-2.85
.437	9.35608	-19.07	12.259974	-43.637	1.49830	-10.14	.53210	-2.87
.436	9.37517	-19.11	12.303711	-43.838	1.50849	-10.22	.53497	-2.89
.435	9.39431	-19.16	12.347649	-44.039	1.51875	-10.30	.53787	-2.91
.434	9.41349	-19.20	12.391790	-44.242	1.52910	-10.38	.54078	-2.93
.433	9.43271	-19.25	12.436134	-44.447	1.53952	-10.46	.54372	-2.95
.432	9.45198	-19.29	12.480684	-44.653	1.55002	-10.54	.54667	-2.97
.431	9.47129	-19.33	12.525441	-44.861	1.56061	-10.62	.54965	-2.99
.430	9.49065	-19.38	12.570406	-45.069	1.57128	-10.71	.55265	-3.01
.429	9.51005	-19.43	12.615580	-45.280	1.58203	-10.79	.55567	-3.03
.428	9.52950	-19.47	12.660966	-45.492	1.59287	-10.87	.55871	-3.05
.427	9.54899	-19.52	12.706564	-45.705	1.60379	-10.96	.56177	-3.07
.426	9.56853	-19.56	12.752376	-45.920	1.61479	-11.05	.56485	-3.09
.425	9.58812	-19.61	12.798404	-46.136	1.62589	-11.13	.56796	-3.12
.424	9.60775	-19.65	12.844649	-46.354	1.63707	-11.22	.57108	-3.14
.423	9.62742	-19.70	12.891112	-46.573	1.64834	-11.31	.57423	-3.16
.422	9.64715	-19.75	12.937796	-46.794	1.65969	-11.40	.57740	-3.18
.421	9.66692	-19.79	12.984701	-47.017	1.67114	-11.49	.58060	-3.21
.420	9.68674	-19.84	13.031830	-47.241	1.68268	-11.58	.58381	-3.23
.419	9.70660	-19.89	13.079184	-47.467	1.69431	-11.67	.58705	-3.25
.418	9.72651	-19.94	13.126764	-47.694	1.70603	-11.76	.59032	-3.27
.417	9.74647	-19.98	13.174573	-47.923	1.71785	-11.86	.59360	-3.30
.416	9.76648	-20.03	13.222611	-48.154	1.72975	-11.95	.59691	-3.32
.415	9.78654	-20.08	13.270881	-48.386	1.74176	-12.05	.60025	-3.35
.414	9.80664	-20.13	13.319384	-48.620	1.75386	-12.15	.60360	-3.37
.413	9.82680	-20.18	13.368122	-48.856	1.76606	-12.24	.60699	-3.40
.412	9.84700	-20.23	13.417097	-49.094	1.77836	-12.34	.61040	-3.42
.411	9.86725	-20.28	13.466310	-49.333	1.79075	-12.44	.61383	-3.44
.410	9.88755	-20.33	13.515763	-49.574	1.80325	-12.54	.61729	-3.47
.409	9.90790	-20.37	13.565458	-49.816	1.81585	-12.64	.62077	-3.50
.408	9.92830	-20.42	13.615396	-50.061	1.82855	-12.75	.62428	-3.52
.407	9.94875	-20.48	13.665580	-50.307	1.84135	-12.85	.62781	-3.55
.406	9.96925	-20.53	13.716011	-50.555	1.85425	-12.95	.63137	-3.57
.405	9.98980	-20.58	13.766691	-50.805	1.86727	-13.06	.63496	-3.60
.404	10.01040	-20.63	13.817622	-51.057	1.88038	-13.17	.63857	-3.63
.403	10.03105	-20.68	13.868806	-51.311	1.89361	-13.28	.64221	-3.65
.402	10.05176	-20.73	13.920244	-51.566	1.90694	-13.38	.64588	-3.68
.401	10.07251	-20.78	13.971939	-51.824	1.92039	-13.49	.64958	-3.71
.400	10.09332	-20.83	14.023892	-52.083	1.93394	-13.61	.65330	-3.74

SIACCI FUNCTIONS 106mm,HEAT,M344

M	S	S'	T	T'	A 1/sec	A' 1/sec	I 1/sec	I' 1/sec
.400	10.09332	-20.83	14.023892	-52.083	1.93394	-13.61	.65330	-3.74
.399	10.11418	-20.89	14.076106	-52.345	1.94761	-13.72	.65705	-3.77
.398	10.13509	-20.94	14.128582	-52.608	1.96139	-13.83	.66083	-3.79
.397	10.15606	-20.99	14.181323	-52.873	1.97528	-13.95	.66464	-3.82
.396	10.17707	-21.04	14.234330	-53.141	1.98929	-14.06	.66847	-3.85
.395	10.19814	-21.10	14.287605	-53.410	2.00342	-14.18	.67234	-3.88
.394	10.21927	-21.15	14.341151	-53.682	2.01766	-14.30	.67624	-3.91
.393	10.24045	-21.20	14.394969	-53.955	2.03202	-14.42	.68016	-3.94
.392	10.26168	-21.26	14.449062	-54.231	2.04651	-14.54	.68412	-3.97
.331	10.28296	-21.31	14.503432	-54.509	2.06111	-14.66	.68810	-4.00
.390	10.30430	-21.37	14.558080	-54.789	2.07584	-14.78	.69212	-4.03
.389	10.32570	-21.42	14.613009	-55.071	2.09069	-14.91	.69617	-4.06
.388	10.34715	-21.48	14.668222	-55.355	2.10566	-15.04	.70024	-4.09
.387	10.36865	-21.53	14.723719	-55.641	2.12077	-15.16	.70435	-4.13
.386	10.39021	-21.59	14.779505	-55.930	2.13600	-15.29	.70850	-4.16
.385	10.41183	-21.65	14.835580	-56.221	2.15136	-15.42	.71267	-4.19
.384	10.43350	-21.70	14.891947	-56.514	2.16685	-15.55	.71688	-4.22
.383	10.45523	-21.76	14.948608	-56.810	2.18247	-15.69	.72112	-4.26
.382	10.47702	-21.82	15.005567	-57.107	2.19823	-15.82	.72539	-4.29
.381	10.49886	-21.87	15.062824	-57.408	2.21412	-15.96	.72970	-4.32
.380	10.52077	-21.93	15.120382	-57.710	2.23015	-16.09	.73404	-4.36
.379	10.54272	-21.99	15.178245	-58.015	2.24632	-16.23	.73842	-4.39
.378	10.56474	-22.05	15.236413	-58.322	2.26262	-16.37	.74283	-4.43
.377	10.58682	-22.10	15.294890	-58.632	2.27907	-16.51	.74727	-4.46
.376	10.60895	-22.16	15.353678	-58.944	2.29566	-16.66	.75176	-4.50
.375	10.63114	-22.22	15.412780	-59.259	2.31239	-16.80	.75627	-4.54
.374	10.65339	-22.28	15.472198	-59.577	2.32927	-16.95	.76083	-4.57
.373	10.67571	-22.34	15.531934	-59.896	2.34630	-17.10	.76542	-4.61
.372	10.69808	-22.40	15.591991	-60.219	2.36348	-17.25	.77004	-4.65
.371	10.72051	-22.46	15.652372	-60.544	2.38080	-17.40	.77471	-4.68
.370	10.74300	-22.52	15.713080	-60.872	2.39828	-17.55	.77941	-4.72
.369	10.76555	-22.58	15.774117	-61.202	2.41591	-17.70	.78415	-4.76
.368	10.78817	-22.64	15.835485	-61.535	2.43370	-17.86	.78893	-4.80
.367	10.81084	-22.71	15.897188	-61.871	2.45164	-18.02	.79375	-4.84
.366	10.83358	-22.77	15.959228	-62.209	2.46974	-18.18	.79861	-4.88
.365	10.85638	-22.83	16.021608	-62.551	2.48801	-18.34	.80351	-4.92
.364	10.87924	-22.89	16.084330	-62.895	2.50643	-18.50	.80845	-4.96
.363	10.90217	-22.96	16.147398	-63.242	2.52503	-18.67	.81343	-5.00
.362	10.92516	-23.02	16.210815	-63.592	2.54378	-18.84	.81845	-5.04
.361	10.94821	-23.08	16.274583	-63.945	2.56271	-19.01	.82351	-5.08
.360	10.97133	-23.15	16.338705	-64.300	2.58180	-19.18	.82861	-5.13

SIACCI FUNCTIONS 106mm, HEAT, M344

M	S	S'	T	T'	A 1/sec	A' 1/sec	I 1/sec	I' 1/sec
.360	10.97133	-23.15	16.338705	-64.300	2.58180	-19.18	.82861	-5.13
.359	10.99451	-23.21	16.403185	-64.659	2.60107	-19.35	.83376	-5.17
.358	11.01775	-23.28	16.468024	-65.021	2.62051	-19.52	.83895	-5.21
.357	11.04106	-23.34	16.533227	-65.386	2.64013	-19.70	.84419	-5.26
.356	11.06444	-23.41	16.598797	-65.753	2.65992	-19.88	.84947	-5.30
.355	11.08788	-23.47	16.664735	-66.124	2.67990	-20.06	.85479	-5.35
.354	11.11139	-23.54	16.731046	-66.499	2.70005	-20.24	.86016	-5.39
.353	11.13496	-23.61	16.797733	-66.876	2.72039	-20.43	.86557	-5.44
.352	11.15860	-23.67	16.864799	-67.256	2.74092	-20.62	.87103	-5.48
.351	11.18231	-23.74	16.932247	-67.640	2.76164	-20.81	.87654	-5.53
.350	11.20608	-23.81	17.000080	-68.027	2.78254	-21.00	.88209	-5.58
.349	11.22993	-23.88	17.068303	-68.418	2.80364	-21.19	.88770	-5.63
.348	11.25384	-23.95	17.136917	-68.811	2.82494	-21.39	.89335	-5.67
.347	11.27782	-24.02	17.205926	-69.209	2.84643	-21.59	.89905	-5.72
.346	11.30187	-24.08	17.275335	-69.609	2.86812	-21.79	.90479	-5.77
.345	11.32599	-24.15	17.345146	-70.013	2.89001	-21.99	.91059	-5.82
.344	11.35018	-24.22	17.415363	-70.421	2.91211	-22.20	.91644	-5.88
.343	11.37444	-24.30	17.485989	-70.832	2.93441	-22.40	.92234	-5.93
.342	11.39877	-24.37	17.557028	-71.247	2.95693	-22.61	.92830	-5.98
.341	11.42317	-24.44	17.628484	-71.665	2.97965	-22.83	.93430	-6.03
.340	11.44765	-24.51	17.700360	-72.088	5.00259	-23.04	.94036	-6.09
.339	11.47219	-24.58	17.772660	-72.514	3.02575	-23.26	.94647	-6.14
.338	11.49681	-24.65	17.845388	-72.943	3.04913	-23.48	.95264	-6.19
.337	11.52150	-24.73	17.918548	-73.377	3.07273	-23.71	.95886	-6.25
.336	11.54627	-24.80	17.992143	-73.814	3.09655	-23.93	.96514	-6.30
.335	11.57110	-24.88	18.066178	-74.256	3.12060	-24.16	.97147	-6.36
.334	11.59602	-24.95	18.140656	-74.701	3.14488	-24.39	.97786	-6.42
.333	11.62101	-25.03	18.215581	-75.150	3.16940	-24.63	.98431	-6.48
.332	11.64607	-25.10	18.290957	-75.604	3.19415	-24.87	.99081	-6.54
.331	11.67121	-25.18	18.366789	-76.061	3.21914	-25.11	.99738	-6.60
.330	11.69642	-25.25	18.443081	-76.523	3.24437	-25.35	1.00401	-6.66
.329	11.72171	-25.33	18.519836	-76.989	3.26985	-25.60	1.01069	-6.72
.328	11.74708	-25.41	18.597060	-77.459	3.29557	-25.85	1.01744	-6.78
.327	11.77252	-25.48	18.674755	-77.933	3.32155	-26.10	1.02425	-6.84
.326	11.79805	-25.56	18.752928	-78.412	3.34778	-26.35	1.03112	-6.90
.325	11.82365	-25.64	18.831581	-78.895	3.37426	-26.61	1.03805	-6.97
.324	11.84933	-25.72	18.910720	-79.383	3.40101	-26.87	1.04505	-7.03
.323	11.87509	-25.80	18.990349	-79.876	3.42802	-27.14	1.05212	-7.10
.322	11.90093	-25.88	19.070472	-80.372	3.45530	-27.41	1.05925	-7.16
.321	11.92685	-25.96	19.151095	-80.874	3.48285	-27.68	1.06644	-7.23
.320	11.95285	-26.04	19.232222	-81.380	3.51067	-27.96	1.07371	-7.30

STACCI FUNCTIONS 106mm, HEAT, M344

M	S	S'	T	T'	A 1/sec	A' 1/sec	I 1/sec	I' 1/sec
.320	11.95285	-26.04	19.232222	-81.380	3.51067	-27.96	1.07371	-7.30
.319	11.97893	-26.12	19.313857	-81.891	3.53877	-28.24	1.08104	-7.37
.318	12.00510	-26.21	19.396006	-82.407	3.56715	-28.52	1.08844	-7.44
.317	12.03134	-26.29	19.478673	-82.928	3.59582	-28.81	1.09592	-7.51
.316	12.05767	-26.37	19.561863	-83.454	3.62477	-29.10	1.10346	-7.58
.315	12.08409	-26.46	19.645581	-83.984	3.65402	-29.39	1.11108	-7.65
.314	12.11058	-26.54	19.729833	-84.520	3.68356	-29.69	1.11876	-7.73
.313	12.13717	-26.62	19.814623	-85.061	3.71340	-29.99	1.12653	-7.80
.312	12.16383	-26.71	19.899956	-85.607	3.74355	-30.29	1.13436	-7.87
.311	12.19058	-26.80	19.985839	-86.158	3.77400	-30.60	1.14228	-7.95
.310	12.21742	-26.88	20.072275	-86.715	3.80476	-30.92	1.15027	-8.03
.309	12.24435	-26.97	20.159271	-87.277	3.83584	-31.23	1.15833	-8.11
.308	12.27136	-27.06	20.246831	-87.845	3.86724	-31.56	1.16648	-8.19
.307	12.29846	-27.14	20.334963	-88.418	3.89897	-31.88	1.17471	-8.27
.306	12.32565	-27.23	20.423670	-88.997	3.93102	-32.21	1.18301	-8.35
.305	12.35293	-27.32	20.512959	-89.582	3.96340	-32.55	1.19140	-8.43
.304	12.38029	-27.41	20.602835	-90.172	3.99612	-32.89	1.19987	-8.51
.303	12.40775	-27.50	20.693304	-90.768	4.02919	-33.23	1.20843	-8.60
.302	12.43530	-27.59	20.784373	-91.370	4.06260	-33.58	1.21707	-8.68
.301	12.46294	-27.69	20.876047	-91.978	4.09636	-33.93	1.22579	-8.77
.300	12.49067	-27.78	20.968332	-92.593	4.13047	-34.29	1.23461	-8.86
.299	12.51850	-27.87	21.061234	-93.213	4.16495	-34.65	1.24351	-8.95
.298	12.54641	-27.96	21.154760	-93.840	4.19979	-35.02	1.25250	-9.04
.297	12.57442	-28.06	21.248915	-94.473	4.23500	-35.39	1.26158	-9.13
.296	12.60253	-28.15	21.343707	-95.112	4.27058	-35.77	1.27076	-9.22
.295	12.63073	-28.25	21.439141	-95.758	4.30655	-36.15	1.28003	-9.32
.294	12.65903	-28.34	21.535225	-96.410	4.34290	-36.54	1.28939	-9.41
.293	12.68742	-28.44	21.631964	-97.070	4.37965	-36.94	1.29885	-9.51
.292	12.71591	-28.54	21.729366	-97.736	4.41679	-37.34	1.30841	-9.61
.291	12.74450	-28.64	21.827438	-98.409	4.45433	-37.74	1.31807	-9.71
.290	12.77318	-28.74	21.926186	-99.088	4.49228	-38.15	1.32782	-9.81
.289	12.80197	-28.84	22.025617	-99.775	4.53064	-38.57	1.33768	-9.91
.288	12.83086	-28.94	22.125738	-100.469	4.56943	-38.99	1.34764	-10.01
.287	12.85984	-29.04	22.226558	-101.171	4.60863	-39.42	1.35770	-10.12
.286	12.88893	-29.14	22.328082	-101.879	4.64827	-39.85	1.36787	-10.22
.285	12.91812	-29.24	22.430319	-102.596	4.68835	-40.29	1.37815	-10.33
.284	12.94741	-29.34	22.533276	-103.319	4.72887	-40.74	1.38854	-10.44
.283	12.97680	-29.45	22.636961	-104.051	4.76984	-41.19	1.39903	-10.55
.282	13.00630	-29.55	22.741380	-104.790	4.81126	-41.65	1.40964	-10.66
.281	13.03590	-29.66	22.846543	-105.537	4.85315	-42.12	1.42036	-10.78
.280	13.06561	-29.76	22.952458	-106.293	4.89551	-42.59	1.43120	-10.89

SIACCI FUNCTIONS 106mm, HEAT, M344

M	S	S'	T	T'	A 1/sec	A' 1/sec	I 1/sec	I' 1/sec
.280	13.06561	-29.76	22.952458	-106.293	4.89551	-42.59	1.43120	-10.89
.279	13.09543	-29.87	23.059131	-107.056	4.93835	-43.07	1.44215	-11.01
.278	13.12535	-29.98	23.166572	-107.827	4.98166	-43.56	1.45323	-11.13
.277	13.15538	-30.08	23.274788	-108.607	5.02547	-44.05	1.46442	-11.25
.276	13.18552	-30.19	23.383789	-109.396	5.06978	-44.55	1.47573	-11.38
.275	13.21577	-30.30	23.493583	-110.193	5.11459	-45.06	1.48717	-11.50
.274	13.24612	-30.41	23.604178	-110.999	5.15991	-45.58	1.49873	-11.63
.273	13.27659	-30.53	23.715583	-111.813	5.20575	-46.10	1.51042	-11.75
.272	13.30718	-30.64	23.827807	-112.637	5.25213	-46.63	1.52224	-11.88
.271	13.33787	-30.75	23.940860	-113.470	5.29903	-47.17	1.53419	-12.02
.270	13.36868	-30.86	24.054750	-114.312	5.34648	-47.72	1.54628	-12.15
.269	13.39960	-30.98	24.169486	-115.163	5.39448	-48.28	1.55850	-12.29
.268	13.43063	-31.09	24.285079	-116.024	5.44305	-48.84	1.57085	-12.42
.267	13.46179	-31.21	24.401538	-116.895	5.49218	-49.41	1.58335	-12.57
.266	13.49306	-31.33	24.518873	-117.776	5.54188	-49.99	1.59598	-12.71
.265	13.52444	-31.45	24.637093	-118.666	5.59218	-50.59	1.60876	-12.85
.264	13.55595	-31.57	24.756208	-119.567	5.64307	-51.19	1.62169	-13.00
.263	13.58758	-31.69	24.876230	-120.478	5.69456	-51.79	1.63476	-13.15
.262	13.61932	-31.81	24.997167	-121.399	5.74667	-52.41	1.64798	-13.30
.261	13.65119	-31.93	25.119032	-122.331	5.79940	-53.04	1.66136	-13.45
.260	13.68318	-32.05	25.241833	-123.274	5.85276	-53.68	1.67489	-13.61
.259	13.71529	-32.18	25.365584	-124.228	5.90676	-54.33	1.68857	-13.77
.258	13.74753	-32.30	25.490293	-125.193	5.96142	-54.98	1.70242	-13.93
.257	13.77989	-32.43	25.615973	-126.169	6.01674	-55.65	1.71643	-14.09
.256	13.81238	-32.55	25.742635	-127.157	6.07274	-56.33	1.73060	-14.26
.255	13.84500	-32.68	25.870290	-128.156	6.12942	-57.02	1.74494	-14.42
.254	13.87774	-32.81	25.998950	-129.167	6.18679	-57.72	1.75945	-14.59
.253	13.91061	-32.94	26.128627	-130.190	6.24487	-58.43	1.77413	-14.77
.252	13.94362	-33.07	26.259334	-131.225	6.30367	-59.16	1.78899	-14.95
.251	13.97675	-33.20	26.391082	-132.273	6.36319	-59.89	1.80402	-15.12
.250	14.01002	-33.33	26.523884	-133.333	6.42346	-60.64	1.81924	-15.31
.249	14.04342	-33.47	26.657753	-134.406	6.48448	-61.40	1.83464	-15.49
.248	14.07695	-33.60	26.792701	-135.493	6.54626	-62.17	1.85022	-15.68
.247	14.11062	-33.74	26.928742	-136.592	6.60883	-62.95	1.86600	-15.87
.246	14.14443	-33.88	27.065889	-137.705	6.67218	-63.75	1.88197	-16.07
.245	14.17837	-34.01	27.204156	-138.831	6.73633	-64.56	1.89813	-16.26
.244	14.21246	-34.15	27.343556	-139.971	6.80131	-65.38	1.91449	-16.46
.243	14.24668	-34.29	27.484103	-141.126	6.86711	-66.22	1.93106	-16.67
.242	14.28104	-34.44	27.625812	-142.294	6.93376	-67.07	1.94783	-16.88
.241	14.31555	-34.58	27.768697	-143.478	7.00126	-67.93	1.96481	-17.09
.240	14.35020	-34.72	27.912772	-144.676	7.06964	-68.82	1.98200	-17.30

SIACCI FUNCTIONS 106mm, HEAT, M344

M	S	S'	T	T'	A 1/sec	A' 1/sec	I 1/sec	I' 1/sec
.240	14.35020	-34.72	27.912772	-144.676	7.06964	-68.82	1.98200	-17.30
.239	14.38500	-34.87	28.058053	-145.889	7.13891	-69.71	1.99941	-17.52
.238	14.41994	-35.01	28.204555	-147.118	7.20908	-70.62	2.01704	-17.74
.237	14.45502	-35.16	28.352294	-148.362	7.28016	-71.55	2.03490	-17.97
.236	14.49026	-35.31	28.501284	-149.622	7.35218	-72.49	2.05298	-18.20
.235	14.52565	-35.46	28.651542	-150.898	7.42515	-73.45	2.07129	-18.43
.234	14.56118	-35.61	28.803085	-152.190	7.49909	-74.42	2.08984	-18.67
.233	14.59687	-35.77	28.955928	-153.499	7.57400	-75.41	2.10862	-18.91
.232	14.63271	-35.92	29.110089	-154.826	7.64992	-76.42	2.12765	-19.15
.231	14.66871	-36.08	29.265585	-156.169	7.72686	-77.45	2.14693	-19.40
.230	14.70486	-36.23	29.422433	-157.530	7.80483	-78.49	2.16646	-19.66
.229	14.74118	-36.39	29.580651	-158.909	7.88386	-79.55	2.18624	-19.92
.228	14.77765	-36.55	29.740256	-160.306	7.96395	-80.63	2.20629	-20.18
.227	14.81428	-36.71	29.901268	-161.721	8.04514	-81.74	2.22660	-20.45
.226	14.85107	-36.87	30.063705	-163.156	8.12744	-82.86	2.24719	-20.72
.225	14.88802	-37.04	30.227585	-164.609	8.21087	-84.00	2.26804	-21.00
.224	14.92514	-37.20	30.392929	-166.082	8.29545	-85.16	2.28918	-21.28
.223	14.96243	-37.37	30.559756	-167.575	8.38120	-86.34	2.31060	-21.57
.222	14.99988	-37.54	30.728086	-169.088	8.46815	-87.54	2.33232	-21.86
.221	15.03750	-37.71	30.897939	-170.622	8.55631	-88.77	2.35433	-22.16
.220	15.07530	-37.88	31.069336	-172.176	8.64571	-90.02	2.37663	-22.46
.219	15.11326	-38.05	31.242298	-173.752	8.73636	-91.29	2.39925	-22.77
.218	15.15140	-38.23	31.416847	-175.350	8.82830	-92.59	2.42218	-23.09
.217	15.18971	-38.40	31.593005	-176.970	8.92155	-93.91	2.44542	-23.41
.216	15.22821	-38.58	31.770794	-178.612	9.01613	-95.25	2.46899	-23.73
.215	15.26688	-38.76	31.950237	-180.278	9.11207	-96.62	2.49289	-24.06
.214	15.30573	-38.94	32.131357	-181.966	9.20939	-98.01	2.51712	-24.40
.213	15.34476	-39.12	32.314178	-183.679	9.30812	-99.44	2.54170	-24.75
.212	15.38397	-39.31	32.498723	-185.416	9.40828	-100.88	2.56662	-25.10
.211	15.42337	-39.49	32.685018	-187.178	9.50990	-102.36	2.59190	-25.46
.210	15.46296	-39.68	32.873086	-188.964	9.61302	-103.87	2.61755	-25.83
.209	15.50274	-39.87	33.062955	-190.777	9.71765	-105.40	2.64356	-26.20
.208	15.54271	-40.06	33.254649	-192.616	9.82384	-106.96	2.66994	-26.58
.207	15.58287	-40.26	33.448195	-194.481	9.93160	-108.56	2.69671	-26.96
.206	15.62322	-40.45	33.643621	-196.374	10.04098	-110.18	2.72387	-27.36
.205	15.66378	-40.65	33.840953	-198.295	10.15199	-111.84	2.75143	-27.76
.204	15.70453	-40.85	34.040219	-200.243	10.26468	-113.53	2.77940	-28.17
.203	15.74548	-41.05	34.241449	-202.221	10.37908	-115.26	2.80778	-28.59
.202	15.78663	-41.25	34.444671	-204.228	10.49522	-117.02	2.83658	-29.02
.201	15.82798	-41.46	34.649916	-206.266	10.61313	-118.81	2.86582	-29.45
.200	15.86955	-41.67	34.857212	-208.333	10.73286	-120.64	2.89549	-29.90

SIACCI FUNCTIONS 106mm,HEAT,M344

M	S	S'	T	T'	A 1/sec	A' 1/sec	I 1/sec	I' 1/sec
.200	15.86955	-41.67	34.857212	-208.333	10.73286	-120.64	2.89549	-29.90
.199	15.91132	-41.88	35.066592	-210.432	10.85443	-122.51	2.92561	-30.35
.198	15.95330	-42.09	35.278088	-212.563	10.97790	-124.41	2.95619	-30.81
.197	15.99549	-42.30	35.491730	-214.727	11.10328	-126.36	2.98724	-31.28
.196	16.03790	-42.52	35.707552	-216.924	11.23064	-128.34	3.01876	-31.76
.195	16.08053	-42.74	35.925588	-219.154	11.35999	-130.37	3.05077	-32.25
.194	16.12337	-42.96	36.145871	-221.419	11.49140	-132.44	3.08327	-32.76
.193	16.16644	-43.18	36.368438	-223.720	11.62490	-134.55	3.11628	-33.27
.192	16.20973	-43.40	36.593322	-226.056	11.76052	-136.71	3.14981	-33.79
.191	16.25325	-43.63	36.820562	-228.429	11.89833	-138.91	3.18387	-34.32
.190	16.29699	-43.86	37.050193	-230.840	12.03836	-141.16	3.21846	-34.87
.189	16.34097	-44.09	37.282255	-233.289	12.18067	-143.45	3.25361	-35.43
.188	16.38518	-44.33	37.516785	-235.778	12.32529	-145.80	3.28932	-35.99
.187	16.42962	-44.56	37.753824	-238.306	12.47229	-148.20	3.32560	-36.57
.186	16.47430	-44.80	37.993411	-240.876	12.62171	-150.64	3.36247	-37.17
.185	16.51923	-45.05	3𝑟.235589	-243.487	12.77361	-153.15	3.39994	-37.77
.184	16.56439	-45.29	38.480398	-246.141	12.92803	-155.70	3.43802	-38.39
.183	16.60981	-45.54	38.727884	-248.838	13.08504	-158.32	3.47673	-39.03
.182	16.65547	-45.79	38.978089	-251.580	13.24469	-160.99	3.51608	-39.67
.181	16.70138	-46.04	39.231059	-254.367	13.40705	-163.72	3.55608	-40.33
.180	16.74755	-46.30	39.486839	-257.202	13.57216	-166.51	3.59675	-41.01
.179	16.79398	-46.55	39.745477	-260.083	13.74010	-169.37	3.63811	-41.70
.178	16.84066	-46.82	40.007022	-263.014	13.91092	-172.29	3.68016	-42.41
.177	16.88761	-47.08	40.271522	-265.994	14.08470	-175.27	3.72293	-43.13
.176	16.93483	-47.35	40.539027	-269.025	14.26151	-178.33	3.76642	-43.87
.175	16.98231	-47.62	40.809590	-272.109	14.44140	-181.46	3.81067	-44.63
.174	17.03006	-47.89	41.083262	-275.246	14.62445	-184.65	3.85568	-45.40
.173	17.07810	-48.17	41.360098	-278.437	14.81074	-187.93	3.90148	-46.19
.172	17.12640	-48.45	41.640154	-281.684	15.00034	-191.28	3.94807	-47.00
.171	17.17500	-48.73	41.923485	-284.988	15.19333	-194.71	3.99549	-47.83
.170	17.22387	-49.02	42.210149	-288.351	15.38979	-198.22	4.04374	-48.68
.169	17.27304	-49.31	42.500206	-291.773	15.58980	-201.81	4.09285	-49.55
.168	17.32249	-49.60	42.793715	-295.257	15.79345	-205.49	4.14285	-50.44
.167	17.37224	-49.90	43.090740	-298.804	16.00083	-209.26	4.19374	-51.35
.166	17.42229	-50.20	43.391343	-302.414	16.21202	-213.13	4.24556	-52.28
.165	17.47265	-50.51	43.695591	-306.091	16.42712	-217.08	4.29832	-53.24
.164	17.52330	-50.81	44.003548	-309.835	16.64623	-221.14	4.35205	-54.22
.163	17.57427	-51.12	44.315284	-313.649	16.86944	-225.29	4.40677	-55.23
.162	17.62556	-51.44	44.630869	-317.533	17.09685	-229.55	4.46251	-56.25
.161	17.67716	-51.76	44.950373	-321.490	17.32858	-233.91	4.51929	-57.31
.160	17.72908	-52.08	45.273872	-325.521	17.56472	-238.39	4.57714	-58.39

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SIACCI FUNCTIONS 106mm, HEAT, M344

M	S	S'	T	T'	A 1/sec	A' 1/sec	I 1/sec	I' 1/sec
.160	17.72908	-52.08	45.273872	-325.521	17.56472	-238.39	4.57714	-58.39
.159	17.78132	-52.41	45.601440	-329.628	17.80540	-242.98	4.63608	-59.50
.158	17.83390	-52.74	45.933154	-333.814	18.05073	-247.68	4.69614	-60.64
.157	17.88681	-53.08	46.269094	-338.080	18.30082	-252.51	4.75736	-61.80
.156	17.94006	-53.42	46.609341	-342.428	18.55580	-257.46	4.81976	-63.00
.155	17.99365	-53.76	46.953978	-346.861	18.81579	-262.54	4.88337	-64.22
.154	18.04759	-54.11	47.303091	-351.380	19.08093	-267.76	4.94822	-65.48
.153	18.10188	-54.47	47.656768	-355.988	19.35136	-273.11	5.01435	-66.78
.152	18.15652	-54.82	48.015098	-360.688	19.62721	-278.60	5.08179	-68.10
.151	18.21153	-55.19	48.378175	-365.481	19.90862	-284.24	5.15057	-69.47
.150	18.26690	-55.56	48.746092	-370.370	20.19575	-290.04	5.22073	-70.86
.149	18.32264	-55.93	49.118948	-375.358	20.48875	-295.99	5.29231	-72.30
.148	18.37876	-56.31	49.496842	-380.448	20.78779	-302.10	5.36535	-73.78
.147	18.43525	-56.69	49.879878	-385.642	21.09301	-308.38	5.43988	-75.29
.146	18.49214	-57.08	50.268161	-390.943	21.40461	-314.83	5.51594	-76.85
.145	18.54941	-57.47	50.661799	-396.354	21.72275	-321.47	5.59359	-78.45
.144	18.60708	-57.87	51.060905	-401.878	22.04761	-328.29	5.67286	-80.10
.143	18.66515	-58.28	51.465592	-407.518	22.37939	-335.30	5.75380	-81.79
.142	18.72363	-58.69	51.875980	-413.278	22.71829	-342.51	5.83646	-83.53
.141	18.78253	-59.10	52.292188	-419.161	23.06449	-349.93	5.92088	-85.32
.140	18.84184	-59.52	52.714343	-425.170	23.41822	-357.56	6.00711	-87.16
.139	18.90158	-59.95	53.142571	-431.310	23.77970	-365.42	6.09521	-89.06
.138	18.96174	-60.39	53.577006	-437.583	24.14914	-373.50	6.18524	-91.00
.137	19.02235	-60.83	54.017783	-443.995	24.52679	-381.82	6.27724	-93.01
.136	19.08340	-61.27	54.465041	-450.548	24.91288	-390.39	6.37129	-95.08
.135	19.14490	-61.73	54.918926	-457.247	25.30767	-399.22	6.46742	-97.21
.134	19.20686	-62.19	55.379586	-464.097	25.71142	-408.31	6.56572	-99.40
.133	19.26928	-62.66	55.847172	-471.103	26.12439	-417.68	6.66625	-101.66
.132	19.33218	-63.13	56.321843	-478.268	26.54688	-427.34	6.76907	-103.99
.131	19.39555	-63.61	56.803761	-485.597	26.97917	-437.29	6.87425	-106.39
.130	19.45940	-64.10	57.293093	-493.097	27.42157	-447.55	6.98187	-108.86
.129	19.52375	-64.60	57.790012	-500.771	27.87439	-458.13	7.09200	-111.41
.128	19.58861	-65.10	58.294695	-508.626	28.33796	-469.05	7.20472	-114.04
.127	19.65397	-65.62	58.807326	-516.668	28.81262	-480.32	7.32011	-116.76
.126	19.71984	-66.14	59.328093	-524.901	29.29872	-491.94	7.43827	-119.56
.125	19.78624	-66.67	59.857193	-533.333	29.79664	-503.95	7.55927	-122.45
.124	19.85318	-67.20	60.394827	-541.970	30.30676	-516.34	7.68321	-125.44
.123	19.92066	-67.75	60.941203	-550.819	30.82947	-529.14	7.81018	-128.53
.122	19.98868	-68.31	61.496536	-559.885	31.36519	-542.37	7.94030	-131.71
.121	20.05727	-68.87	62.061048	-569.178	31.91435	-556.03	8.07364	-135.00
.120	20.12643	-69.44	62.634968	-578.704	32.47741	-570.16	8.21034	-138.41

SIACCI FUNCTIONS 106mm, HEAT, M344

M	S	S'	T	T'	A 1/sec	A' 1/sec	I 1/sec	I' 1/sec
.120	20.12643	-69.44	62.634968	-578.704	32.47741	-570.16	8.21034	-138.41
.119	20.19616	-70.03	63.218534	-588.471	33.05484	-584.76	8.35050	-141.92
.118	20.26649	-70.62	63.811991	-598.487	33.64712	-599.87	8.49423	-145.57
.117	20.33741	-71.23	64.415593	-608.761	34.25476	-615.50	8.64167	-149.33
.116	20.40894	-71.84	65.029602	-619.302	34.87831	-631.67	8.79294	-153.22
.115	20.48109	-72.46	65.654288	-630.120	35.51831	-648.41	8.94817	-157.25
.114	20.55387	-73.10	66.289935	-641.223	36.17534	-665.75	9.10750	-161.44
.113	20.62729	-73.75	66.936831	-652.622	36.85002	-683.70	9.27108	-165.75
.112	20.70137	-74.40	67.595280	-664.328	37.54297	-702.31	9.43907	-170.24
.111	20.77611	-75.08	68.265592	-676.352	38.25487	-721.59	9.61161	-174.87
.110	20.85152	-75.76	68.948092	-688.705	38.98639	-741.58	9.78888	-179.69
.109	20.92763	-76.45	69.643115	-701.400	39.73828	-762.31	9.97105	-184.68
.108	21.00443	-77.16	70.351008	-714.449	40.51128	-783.82	10.15831	-189.85
.107	21.08195	-77.88	71.072134	-727.866	41.30619	-806.14	10.35084	-195.24
.106	21.16020	-78.62	71.806865	-741.664	42.12384	-829.31	10.54885	-200.81
.105	21.23919	-79.37	72.555591	-755.858	42.13178	-853.37	10.75254	-206.59
.104	21.31893	-80.13	73.318716	-770.464	42.16424	-878.37	10.96213	-212.62
.103	21.39945	-80.91	74.096658	-785.497	42.22219	-904.35	11.17785	-218.87
.102	21.48075	-81.70	74.889855	-800.974	42.30663	-931.36	11.39996	-225.36
.101	21.56285	-82.51	75.698758	-816.913	42.41862	-959.46	11.62869	-232.13
.100	21.64577	-83.33	76.523839	-833.333	42.55927	-988.69	11.86432	-239.17

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